

Iowa Department of Agriculture & Land Stewardship
BILL NORTHEY, Secretary of Agriculture

STATE CLIMATOLOGIST OFFICE

IOWA CLIMATE REVIEW

VOLUME 30, NUMBER 2
FEBRUARY 2016



The cooperation of the National Weather Service offices at Davenport, Johnston (Des Moines), La Crosse, Sioux Falls and Valley (Omaha) and their network of volunteer weather observers across Iowa in providing the data used in compiling this report is gratefully acknowledged.

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The climatic data used in this report are compiled from official records on file at the State Climatologist Office in Des Moines. Some of these data are of a preliminary nature and are subject to change without notice. Differences may exist in data values published here and those subsequently published in the U.S. Department of Commerce report *Climatological Data Iowa* due to use of differing quality control procedures.

IOWA MONTHLY WEATHER SUMMARY – FEBRUARY 2016

General Summary. Iowa temperatures averaged 28.0° or 4.0° above normal while precipitation totaled 0.96 inches or 0.09 inches less than normal. This ranks as the 33rd warmest and 69th driest February among 144 years of records. Snowfall averaged 9.0 inches or 2.2 inches above normal to rank as the 37th snowiest February among 129 years of records. This was the seventh consecutive snowier than normal February.

Temperatures. Bitter cold weather made a relatively brief appearance in Iowa during February with subzero temperatures reported on only the 4th, 5th and 10th through 13th. Temperatures were above average every day from the 15th through the end of the month with only a handful of locations seeing readings dip below 20° during the second one-half of February. Cresco reported the month's lowest temperature with a -17° reading on the morning of the 13th. Temperatures reached 73° at Shenandoah and Sidney on the 18th while Sidney reached 75° on the 27th. These are the highest February temperatures recorded in Iowa since 1999 (76° at Glenwood on Feb. 10). In response to the milder late-month weather soils began to thaw across central and southern Iowa on the 19th and were completely frost-free over about the southern one-half of Iowa at month's end. The late-month warmth also melted most of the snow cover that had persisted over northern Iowa since December 28. Some flooding occurred in response to the snowmelt and ice jams that resulted from the break-up of river ice.

Heating Degree Day Totals. Home heating requirements, as estimated by heating degree day totals, averaged 25% less than last February and 7% less than normal. Season-to-date degree day totals are running 17% less than last season at this time and 13% less than normal. The warmer weather and lower energy prices should result in considerably smaller heating bills this winter compared to recent years.

Precipitation. Over one-half of the month's precipitation fell very early in the month with the major winter storm of the 2nd-3rd. Heavy snow fell across the northwest one-half of Iowa with greatest amounts reported of 14.0 inches at Washta, 13.6 inches at Akron and 13.5 inches at Sheldon. However, only a cold rain fell across extreme southeast Iowa with this

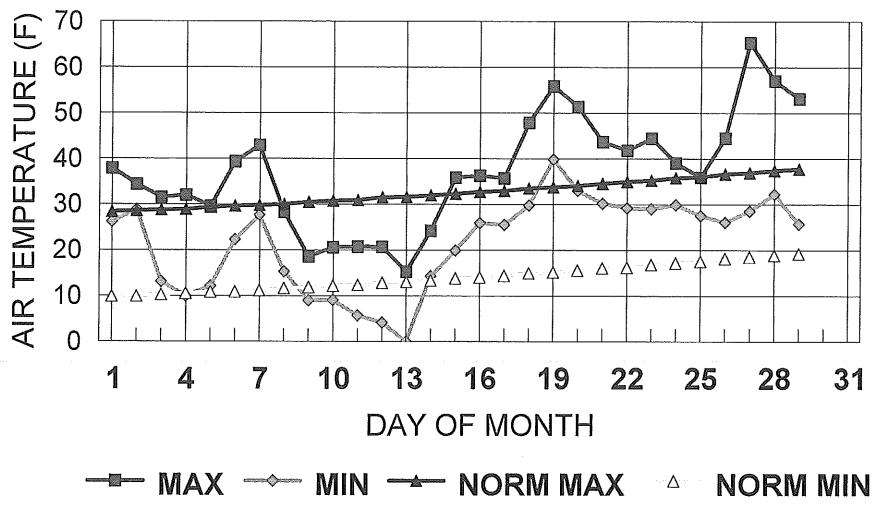
storm. There were very frequent light snow and/or rain events between the 3rd and 21st. The largest of these events came on the 13th-14th when 2 to 4 inches of snow fell over much of the northeast one-half of the state. However, winds gusts of 40 to 50 mph combined with light snowfall and deep snow cover left from the Groundhog Day storm system to create blizzard conditions over north central Iowa from the night of the 7th through the morning of the 9th. Finally, winter weather made a return visit late on the 29th into March 1st with 2 to 5 inches of snow falling across the northern one-third of the state. Overall monthly precipitation totals were well below normal over east central and southeast Iowa and well above normal over the northwest. February precipitation totals varied from 0.20 inches at Williamsburg to 1.92 inches at Sheldon. Monthly snowfall totals varied from only 1.3 inches at Clarinda to 23.4 inches at Sheldon. Snow totals have been well above normal in three of the past four months in northwest Iowa.

Severe Weather. Wind gusts in the 50 to 60 mph range were common statewide on the 19th with Iowa City Airport reporting the highest gust at 63 mph.

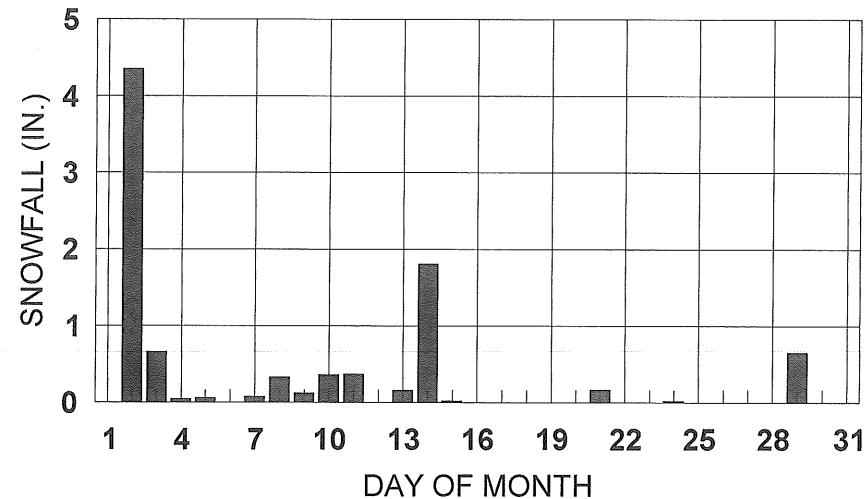
Winter Summary. Temperatures over the three mid-winter months averaged 26.7° or 4.6° above normal while precipitation totaled 6.51 inches or nearly double the seasonal normal of 3.34 inches. This ranks as the wettest and 17th warmest winter among 143 years of state records. The last warmer winter came four years ago (2011-2012), averaging 1.2° warmer than this one. Despite slightly below normal precipitation in January and February these two months brought enough precipitation when combined with December 2015's record total to easily surpass the 6.00 inch total of the 1914-15 winter for the wettest on record.

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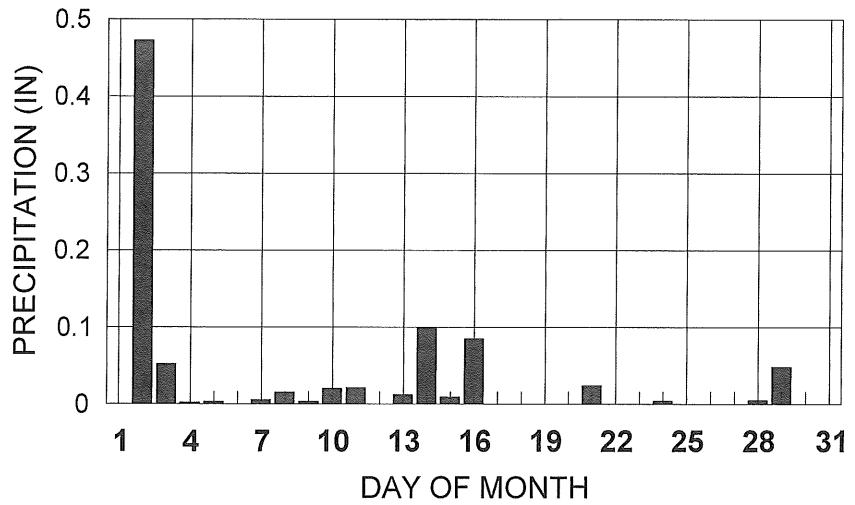
IOWA DAILY MAX & MIN TEMPERATURES FEBRUARY 2016 (SELECTED STATIONS)



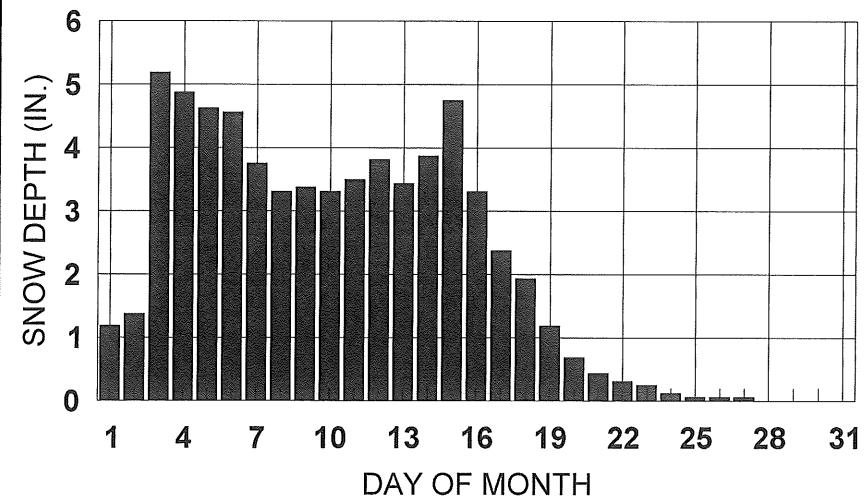
IOWA AVERAGE DAILY SNOWFALL FEBRUARY 2016 (SELCTED STATIONS)



IOWA AVERAGE DAILY PRECIPITATION FEBRUARY 2016 (SELECTED STATIONS)



IOWA AVERAGE DAILY 6 am SNOW DEPTH FEBRUARY 2016 (SELECTED STATIONS)



FEBRUARY 2016	IOWA CLIMATE REVIEW																														
AIRPORT		DAY OF MONTH																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PRELIMINARY AVERAGE DAILY DEW POINT TEMPERATURE																															
Ames	31	32	15	16	16	27	27	11	5	7	3	5	0	14	24	29	26	33	35	33	32	31	32	29	23	26	32	34	29	Avg	
Burlington	31	35	24	20	20	27	29	15	8	8	7	10	0	16	24	30	27	35	36	34	32	31	31	29	25	24	30	37	34	22.7	
Cedar Rapids	31	33	22	20	18	28	30	13	7	3	5	7	-1	14	23	29	25	33	37	34	32	30	31	32	24	25	31	36	30	24.4	
Davenport	29	32	24	18	19	26	29	13	6	2	3	6	-4	11	20	26	22	31	36	32	31	29	28	23	23	28	35	30	21.9		
Des Moines	30	31	16	16	17	27	27	11	5	10	4	6	0	14	25	29	27	34	34	32	31	29	31	27	22	23	25	33	28	22.2	
Dubuque	29	31	21	16	18	25	28	12	4	0	1	2	-5	9	19	24	16	28	34	33	30	27	29	28	21	21	29	34	27	20.4	
Estherville	27	26	12	12	14	24	26	9	5	5	3	1	-2	13	26	26	24	30	33	31	30	28	31	26	22	26	33	31	20	20.4	
Iowa City	30	33	22	19	18	26	29	12	6	2	5	7	-3	14	21	27	24	32	36	33	30	29	30	30	23	23	28	35	30	22.4	
Lamoni	31	34	20	20	20	26	27	13	7	16	9	9	1	18	29	32	38	35	33	32	32	31	27	23	23	26	35	31	24.2		
Marshalltown	31	31	16	15	14	27	27	11	5	4	3	6	0	13	23	27	24	32	35	33	31	30	32	30	24	25	30	33	28	22.1	
Mason City	26	28	13	12	12	25	26	9	3	0	0	1	-4	11	23	26	19	29	34	31	30	30	32	29	23	25	33	31	22	20.0	
Moline, IL	29	32	23	18	19	25	28	14	6	1	3	6	-4	12	19	25	22	31	35	32	31	28	27	27	22	27	35	31	21.6		
Omaha, NE	29	31	17	17	22	26	27	19	10	19	13	11	3	18	31	32	32	39	33	34	35	34	31	27	27	25	28	33	29	25.2	
Ottumwa	32	33	21	21	18	27	28	14	8	10	8	10	2	16	23	31	28	35	36	34	32	30	31	32	25	25	29	36	33	24.4	
Sioux City	28	26	13	12	17	20	26	16	9	16	12	7	2	15	28	29	29	34	35	31	34	33	30	26	27	26	32	32	23	23.0	
Sioux Falls, SD	25	22	13	14	19	22	24	14	7	11	8	2	0	13	26	27	26	31	34	30	31	30	28	25	24	25	31	17	21.0		
Spencer	25	25	11	11	14	23	24	9	5	7	5	0	-3	11	25	25	24	29	32	30	30	29	29	25	22	25	31	30	20	19.8	
Waterloo	29	31	16	13	11	26	27	10	3	0	0	2	-4	11	22	25	21	30	34	32	30	29	31	30	22	24	30	32	24	20.4	
PRELIMINARY AVERAGE DAILY WIND SPEED (MPH)																													Avg		
Ames	4.7	13.2	19.3	8.0	5.2	10.4	18.4	24.9	19.7	7.1	3.8	16.0	8.1	12.3	4.9	8.6	7.0	14.8	19.7	9.6	7.3	2.1	7.1	16.0	16.6	7.5	11.4	18.4	14.0	11.6	
Burlington	6.2	10.4	14.5	7.9	4.2	6.1	12.1	16.1	14.8	4.6	4.4	12.7	6.1	10.5	2.8	6.6	4.7	14.7	17.1	10.4	7.8	4.2	9.6	16.0	13.0	6.6	11.7	17.8	12.8	9.9	
Cedar Rapids	5.4	16.1	17.8	9.9	6.6	7.5	15.6	22.4	19.3	8.1	4.8	16.3	6.9	11.9	4.7	9.3	6.7	16.0	22.4	11.9	8.2	4.8	4.3	13.9	16.0	8.6	13.2	19.6	13.2	11.8	
Davenport	5.8	14.4	19.1	10.1	6.7	7.4	15.8	19.3	17.6	8.3	2.9	17.4	7.0	15.9	4.6	7.8	7.1	21.0	23.1	12.4	6.5	4.4	7.2	15.8	15.3	9.3	13.5	22.1	14.2	12.1	
Des Moines	5.2	13.7	17.7	9.3	5.6	8.6	17.4	23.7	16.5	6.6	6.1	12.2	7.4	9.7	5.8	8.9	7.5	13.8	20.2	9.4	7.2	2.5	7.1	13.8	14.5	7.3	13.6	17.9	13.4	11.1	
Dubuque	4.4	14.4	14.6	8.3	7.3	9.4	16.8	16.9	16.0	8.8	4.2	15.5	6.9	14.3	6.5	8.8	5.9	21.9	25.3	12.9	7.2	4.6	4.1	13.3	16.0	9.0	14.3	18.8	14.0	11.7	
Estherville	7.9	26.6	20.1	11.8	11.5	15.2	23.7	32.9	21.6	8.8	8.1	18.4	13.3	16.2	9.0	11.8	10.3	22.7	21.5	11.6	8.7	6.4	11.8	14.3	16.9	8.7	13.0	17.2	18.3	15.1	
Iowa City	4.8	12.6	15.0	7.7	4.3	3.9	13.3	18.6	16.1	6.9	4.5	13.9	6.5	11.5	3.4	6.4	5.6	14.0	17.8	9.8	7.1	1.8	3.9	12.9	13.6	7.0	8.8	17.2	10.9	9.6	
Lamoni	4.7	13.4	19.0	10.3	5.4	8.8	19.9	24.0	17.9	6.9	6.5	12.7	7.6	8.2	6.4	10.0	8.1	13.7	19.7	10.0	8.1	3.5	7.3	14.5	15.0	8.3	13.3	18.6	13.4	11.6	
Marshalltown	5.6	18.6	19.9	10.1	5.5	11.3	17.4	25.8	19.3	6.6	3.5	15.3	6.8	15.0	6.5	8.6	8.2	20.0	22.1	10.4	7.3	4.5	7.1	16.8	16.4	8.3	13.8	17.8	13.9	12.5	
Mason City	5.1	20.6	20.8	10.2	8.5	8.1	22.3	26.8	21.7	5.4	5.5	17.4	8.4	15.7	7.6	10.3	8.3	20.8	23.4	12.4	7.9	3.8	8.0	15.0	18.5	8.4	12.9	19.6	16.0	13.6	
Moline, IL	4.9	13.4	16.2	8.8	4.8	5.4	14.0	17.6	15.2	7.9	2.8	15.6	6.9	11.2	3.8	6.4	6.3	15.8	20.1	10.3	5.2	2.0	5.5	13.5	14.0	8.3	11.0	19.4	12.8	10.3	
Omaha, NE	5.8	23.4	16.8	6.9	8.4	8.8	17.8	22.0	15.0	9.0	5.5	14.1	12.1	11.4	5.9	9.9	8.4	14.8	16.1	9.1	6.1	4.7	8.9	11.9	14.3	6.9	14.2	16.7	12.7	11.6	
Ottumwa	6.6	15.3	16.8	10.0	5.3	7.0	15.2	25.1	21.4	6.1	4.7	15.5	6.4	11.4	5.1	8.8	7.6	16.1	18.0	10.5	8.6	4.8	5.3	16.2	17.0	7.9	12.7	19.7	13.9	11.7	
Sioux City	4.2	25.3	16.4	8.0	8.7	7.6	20.1	29.1	15.5	11.3	7.4	11.7	12.9	7.4	4.6	10.9	10.3	11.9	14.6	6.2	5.0	5.1	11.1	9.8	12.2	4.6	10.8	17.5	12.8	11.5	
Sioux Falls, SD	5.5	24.3	12.8	7.2	8.1	8.6	22.2	24.9	13.0	10.8	5.9	10.9	12.9	8.5	3.4	9.8	12.1	12.6	14.8	7.2	4.6	5.2	10.2	9.1	11.3	5.0	5.7	14.0	14.5	10.9	
Spencer	7.3	28.8	17.7	8.7	7.8	7.8	12.6	23.3	30.7	19.0	9.8	7.5	15.0	12.3	13.8	6.0	11.5	10.6	20.8	19.1	9.5	5.9	6.4	10.9	12.9	16.2	7.7	11.4	15.5	17.0	13.6
Waterloo	4.1	16.5	16.4	8.4	4.6	10.6	15.9	22.3	18.9	5.8	3.1	15.2	5.8	12.3	6.5	9.4	8.5	17.8	19.8	10.8	5.9	3.4	5.7	14.5	17.0	7.2	12.6	17.6	12.7	11.4	
PRELIMINARY MAXIMUM 5-SECOND WIND GUST (MPH)																													MAX		
Ames	13	38	39	26	16	21	38	47	37	17	19	40	21	28	15	26	18	28	60	21	7	10	25	30	36	20	32	45	29	60	
Burlington	18	32	33	22	19	20	29	35	33	17	15	36	19	27	11	19	16	34	46	24	20	12	22	44	30	20	31	41	29	46	
Cedar Rapids	18	45	38	29	21	20	35	42	36	24	11	35	16	27	15	20	27	33	59	28	17	10	11	28	32	20	29	42	32	59	
Davenport	16	44	37	23	23	18	33	36	33	20	10	41	16	32	12	17	14	44	62	25	14	12	15	36	29	24	30	44	30	62	
Des Moines	17	45	38	26	17	23	44	51	38	17	18	33	23	22	15	22	22	32	59	23	16	10	26	33	29	22	36	44	34	59	
Dubuque	17	44	33	22	22	18	32	32	31	24	14	37	17	29	15	18	14	42	58	24	20	13	18	28	29	20	29	37	28	58	
Estherville	17	43	38	26	24	27	41	53	39	16	17	38	29	33	19	27	25	36	61	26	20	17	25	27	34	18	26	44	35	61	
I																															

FEBRUARY 2016	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA												IOWA CLIMATE REVIEW																	
STATION	TEMPERATURE (F)												PRECIPITATION (inches)																	
	Avg Max	Avg Min	Mean Norm	Def Max	Ext Day	Ext Min Day	Number of Days 90+	Max 90+	Max 32	Min 32	Min 0	FEB 2016	FEB Norm	15-16 SEAS	Norm	FEB 2016	FEB Norm	15-16 SEAS	Norm	Dep Total	Ext Norm	Ext Day	0.01+	0.10+	100+	Total GND	Snowfall inches Max On Gnd Day			
Dubuque Lock & Dam 11	33.3	18.8	26.1	2.3	59	28	-1	14	+	0	12	28	2	1122	1155	4542	5179	0	0	0	0	0.82	-0.39	0.55	3	8	2	0	7.0	5 15 +
Dubuque Airport	33.9	20.4	27.2	3.5	58	27	-2	13		0	11	25	1	1092	1156	4641	5393	0	0	0	0	0.86	-0.58	0.53	2	5	2	0	7.6	5 15
Elkader 6 SSW	32.9	15.9	24.4	2.8	62	28	-8	14	+	0	12	28	7	1170	1214	5066	5636	0	0	0	0	0.97	-0.16	0.76	3	6	2	0	9.0	7 16 +
Fayette	31.5	16.6	24.1	3.6	60	28	-10	13		0	13	27	5	1180	1244	4939	5781	0	0	0	0	0.85	-0.25	0.71	3	3	2	0	10.3	8 4 +
Guttenberg L & D 10	35.2	20.7	28.0	3.4	62	27	-6	13		0	11	25	1	1068	1130	4349	5178	0	0	0	0	0.69	-0.43	0.54	3	7	2	0	8.5	7 18 +
Ionia 2 W																						0.76		0.65	3	4	1	0	8.9	9 6 +
Manchester #2	33.3	18.3	25.8	4.1	60	28	-6	13		0	13	27	2	1131	1211	4876	5647	0	0	0	0	0.84	-0.32	0.62	3	4	2	0	6.5	4 16 +
New Hampton	29.7	15.3	22.5	2.9	59	28	-9	14		0	16	28	8	1226	1271	5222	5979	0	0	0	0	0.85	-0.27	0.60	3	5	2	0	13.9	11 3
Oelwein 1 E	31.7	16.8	24.3	3.6	60	28	-9	13		0	12	28	5	1177	1241	4942	5715	0	0	0	0	0.99	-0.21	0.88	3	2	2	0	10.9	7 16 +
Postville	31.4	15.7	23.6		60	28	-12	13		0	13	28	5	1197		4993		0	0	0	0	1.01	-0.03	0.92	3	3	1	0	11.8	13 3
Stanley 4 W	31.8	16.9	24.4		61	28	-6	13		0	13	28	6	1172		4985		0	0	0	0	0.79	0.61	3	6	1	0	9.6	9 16 +	
Strawberry Point																					0.77		0.51	3	6	2	0	12.8	12 16 +	
Tripoli	32.1	17.1	24.6	3.5	63	28	-8	14	+	0	13	28	5	1164	1231	4882	5733	0	0	0	0	0.85	-0.06	0.67	3	4	2	0	9.3	9 5 +
Waterloo Airport	34.1	19.3	26.7	3.3	64	27	-6	13		0	11	27	4	1104	1165	4702	5419	0	0	0	0	0.99	0.00	0.35	1	6	4	0	12.9	8 3
WEST CENTRAL DIVISION																														
Audubon	35.5	18.9	27.2	3.4	68	28	-2	13		0	11	26	2	1088	1155	4841	5428	0	0	0	0	1.30	0.31	0.59	3	8	4	0	11.1	11 3
Battle Creek 3 NE	34.4	19.3	26.9		67	28	-5	13		0	11	28	2	1100		4932		0	0	0	0	1.29		0.69	3	6	4	0	16.5	12 5 +
Carroll	34.7	19.8	27.3	3.7	67	28	-2	13		0	11	27	2	1087	1159	4760	5414	0	0	0	0	1.25	0.33	0.54	3	11	3	0	13.9	
Castana Exp. Farm	36.6	21.9	29.3	5.1	70	28	1	14	+	0	11	26	0	1028	1144	4664	5344	0	0	0	0	0.57	-0.05	0.21	16	5	3	0	6.1	5 15 +
Denison	34.0	20.3	27.2	1.8	68	28	-1	13		0	13	27	2	1093	1110	4858	5111	0	0	0	0	1.05	0.27	0.53	3	9	4	0	12.0	8 4 +
Guthrie Center	37.0	19.9	28.5	3.7	69	28	-1	13		0	10	26	1	1055	1127	4647	5291	0	0	0	0	1.24	0.16	0.62	3	8	2	0	10.1	7 14 +
Harlan 1 ESE																					1137		5294	0	0	0	0	0.58	3	
Holly Springs 1 NW																												3	0	8 3
Holstein	32.6	20.0	26.3		64	27	-5	13		0	13	28	2	1115		4969		0	0	0	0	0.97		0.48	3	6	4	0	10.9	8 5 +
Jefferson 2 NW	34.5	19.8	27.2	2.9	67	28	-5	13		0	10	27	2	1091	1141	4738	5287	0	0	0	0	1.19	0.14	0.77	3	9	3	0	9.6	7 6 +
Little Sioux 2 NW	37.7	19.8	28.8		71	28	3	13	+	0	10	28	0	1045		4704		0	0	0	0	1.53		0.78	3	12	3	0	14.8	11 6
Logan	39.8	21.8	30.8	5.5	72	28	6	13	+	0	9	26	0	986	1111	4476	5190	0	0	0	0	1.09	0.28	0.39	2	8	3	0	7.4	6 3
Mapleton #2	36.0	20.2	28.1	4.3	70	28	1	13		0	11	27	0	1063	1153	4816	5446	0	0	0	0	0.90	0.13	0.48	3	6	3	0	14.0	12 4 +
Rockwell City	34.6	19.8	27.2	5.0	64	28	-5	13		0	10	26	2	1087	1197	4788	5586	0	0	0	0	0.91	0.16	0.53	3	7	3	0	11.7	12 15 +
Sac City	33.1	18.7	25.9	4.0	65	28	-4	13		0	12	27	2	1126	1208	5015	5686	0	0	0	0	0.88	0.09	0.47	3	7	2	0	12.0	12 15 +
Sioux City Airport	39.2	22.2	30.7	5.6	73	27	5	13		0	10	25	0	986	1118	4460	5294	0	0	0	0	1.11	0.44	0.78	2	6	3	0	13.9	14 4 +
CENTRAL DIVISION																														
Ames Airport	35.8	21.3	28.6	3.9	66	27	-4	11		0	10	28	2	1048	1130	4553	5285	0	0	0	0									
Ames 8 WSW	36.1	21.9	29.0	3.5	65	27	-2	13		0	9	26	2	1037	1106	4458	5092	0	0	0	0	0.78	-0.05	0.26	3+	7	2	0	10.1	7 14
Ames 5 SE	35.1	19.4	27.3	3.3	66	28	-2	12		0	11	28	4	1087	1148	4664	5321	0	0	0	0	0.93	-0.09	0.58	3	8	2	0	6.4	3 15 +
Ankeny	36.5	20.4	28.5	3.1	69	28	-3	13		0	10	28	2	1053	1109	4530	5081	0	0	0	0	0.60	-0.36	0.20	3	8	2	0	6.0	5 15
Boone	35.6	18.2	26.9	3.3	67	28	-3	13		0	11	29	4	1098	1160	4706	5391	0	0	0	0	1.56	0.39	0.89	3	11	3	0	15.3	12 3
Brooklyn																					0.64	-0.64	0.54	3	3	1	0	4.1	2 15 +	
Clutier																				0.70	-0.50	0.62	3	3	1	0	5.2	5 3		
Des Moines Airport	39.8	24.3	32.1	4.7	71	27	2	13		0	8	24	0	950	1051	3983	4831	0	0	0	0	1.09	-0.17	0.35	16	8	3	0	11.4	4 15 +
Des Moines Camp Dodge	38.2	22.6	30.4	4.2	70	27	-2	13		0	9	27	1	998	1086	4333	5011	0	0	0	0	0.90	-0.29	0.37	2	8	3	0	9.0	4 14 +
Eldora	32.8	18.0	25.4	3.0	65	28	-7	13		0	12	28	4	1142	1193	4886	5565	0	0	0	0	1.13	0.14	1.00	3	6	1	1	13.4	14 4 +
Fort Dodge 5 NNW	32.7	18.0	25.4	3.3	63	28	-6	13		0	11	28	5	1143	1201	4993	5587	0	0	0	0	1.20	0.28	0.93	3	9	1	0	16.7	15 7 +
Gilman																				0.40	-0.69	0.30	3	3	1	0	5.2	4 16 +		
Grinnell 3 SW	35.7	19.5	27.6	4.1	66	28	-1	13		0	10	28	4	1080	1160	4679	5390	0	0	0	0	0.58	-0.83	0.40	3	8	1	0	7.4	
Grundy Center	33.4	18.8	26.1	3.9	65	28	-6	14	+	0	12	27	4	1121	1197	4786	5561	0	0	0	0	0.73	-0.22	0.65	3	2	1	0	6.7	8 15
Iowa Falls	32.5	17.1	24.8	3.0	63	28	-6	13		0	13	29	4	1160	1211	4965	5610	0	0	0	0	1.44	0.47	1.30	3	4	1	1	11.0	9 3

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																		IOWA CLIMATE REVIEW													
STATION	TEMPERATURE (F)												PRECIPITATION (inches)						NUMBER OF DAYS			SNOWFALL (inches)									
	Avg Max	Avg Min	Dep Mean	Ext Max	Ext Day	Max Day	Min Day	90+	32+	32+	0	0	Feb 2016	Feb Norm	15-16 Seas	Norm Seas	Feb 2016	Feb Norm	15-16 Seas	Norm Seas	Total Day	0.01+	0.10+	1.00+	Total Gnd Day						
Marshalltown	35.1	20.1	27.6	4.6	67	28	-2	13	0	11	27	3	1075	1175	4614	5443	0	0	0	0	0.74	-0.27	0.64	3	4	1	0	5.2	4	7+	
Marshalltown Airport	35.6	20.5	28.1	4.9	67	27	-3	13	0	9	28	2	1065	1170	4574	5403	0	0	0	0											
Montezuma 1 W																					0.29	-0.85	0.20	3	4	1	0	6.0	4	15	
Newton	36.2	20.4	28.3	4.2	68	28	0	14+	0	9	28	2	1058	1145	4509	5290	0	0	0	0	0.44	-0.60	0.14	15+	7	3	0	6.2			
Perry	36.4	20.3	28.4	4.5	69	28	-2	13	0	10	28	1	1056	1149	4509	5308	0	0	0	0	1.45	0.65	0.92	3	10	2	0	11.7	6	12+	
Toledo 3 N	34.4	19.2	26.8	3.9	66	28	-3	14+	0	10	28	2	1100	1177	4697	5427	0	0	0	0	0.35	-0.64	0.28	3	2	1	0	4.0	2	16+	
Webster City	33.2	16.9	25.1	2.9	64	28	-8	14+	0	12	29	6	1154	1198	4980	5577	0	0	0	0	1.26	0.35	0.88	3	8	3	0	16.0	14	7+	
Zearing																				0.80	-0.04	0.58	3	6	2	0	8.5	9	15		
EAST CENTRAL DIVISION																															
Anamosa 3 SSW	35.3	21.7	28.5	5.4	62	28	1	14+	0	9	26	0	1052	1173	4537	5468	0	0	0	0	0.58	-0.78	0.47	3	6	1	0	3.4	1	16+	
Belle Plaine	36.1	20.7	28.4	5.1	65	28	1	14+	0	9	28	0	1054	1167	4517	5400	0	0	0	0	0.54	-0.68	0.31	3	3	2	0	6.2	2	15+	
Belleview Lock & Dam 12	36.3	21.6	29.0	4.7	61	28	2	14	0	9	26	0	1038	1141	4348	5212	0	0	0	0	0.48	-0.91	0.20	3	5	3	0	2.8	2	16+	
Cedar Rapids Airport	36.9	22.2	29.6	5.2	64	27	1	13	0	10	25	0	1022	1135	4409	5283	0	0	0	0											
Cedar Rapids #1	36.9	22.7	29.8	3.0	64	27	0	13	0	8	24	1	1015	1068	4274	4891	0	0	0	0	0.42	-0.80	0.23	2	5	2	0	3.1	2	16+	
Clinton #1	37.8	23.3	30.6	3.5	62	28	1	13	0	8	25	0	991	1060	4086	4818	0	0	0	0	0.55	-0.94	0.31	2	5	2	0	3.4	3	14	
Coggon	33.6	20.0	26.8		62	28	-2	14	0	13	27	2	1100		4774		0	0	0	0	0.59		0.41	3	3	2	0	7.6	3	17+	
Davenport Airport	37.8	22.5	30.2	4.1	62	28	0	13	0	8	25	1	1004	1089	4225	5025	0	0	0	0	0.38		0.31	2	2	1	0	2.6	2	16+	
De Witt																				0.52	-0.92	0.36	3	5	1	0	3.1	3	15		
Iowa City	37.8	21.2	29.5	1.8	66	28	3	14	0	10	26	0	1023	1046	4332	4722	0	0	0	0	0.49	-0.80	0.30	3	6	2	0	3.6	3	16+	
Iowa City Airport	38.6	22.8	30.7	4.4	65	27	2	13	0	8	24	0	986	1083	4211	4950	0	0	0	0											
Le Claire L & D 14	37.1	22.3	29.7	2.8	63	29	2	14+	0	9	25	0	1015	1068	4099	4786	0	0	0	0	0.81	-0.63	0.57	3	6	2	0				
Lowden	37.8	22.4	30.1	6.3	63	28+	1	13	0	8	26	0	1008	1152	4287	5310	0	0	0	0	0.55	-1.09	0.26	2	6	2	0	4.7	3	14	
Maquoketa 4 W	34.5	19.7	27.1	4.5	60	28	-1	14+	0	12	28	2	1092	1187	4660	5520	0	0	0	0	0.36	-1.15	0.20	3	4	1	0	2.2	2	16+	
Monticello																				0.75		0.59	3	5	2	0	4.0	2	17+		
Muscatine	38.6	22.3	30.5	2.1	65	29	3	14+	0	9	24	0	995	1025	4177	4638	0	0	0	0	0.71	-0.84	0.43	3	5	2	0	2.6	2	15	
Muscatine 2 N	37.8	23.6	30.7		64	28	3	14	0	9	24	0	986		4076		0	0	0	0	0.76		0.42	3	5	2	0	4.5	4	15	
Swisher																				0.40		0.28	3	5	1	0	2.5	2	16+		
Vinton	34.8	20.4	27.6	2.7	65	28	-1	14+	0	12	28	2	1078	1123	4653	5187	0	0	0	0	0.58	-0.56	0.50	3	3	1	0	7.4	6	16+	
Williamsburg 1 E	36.6	21.1	28.9	4.9	65	28	0	14+	0	10	28	2	1041	1146	4806	5286	0	0	0	0	0.20	-1.07	0.13	15	3	1	0	3.5	2	15	
SOUTHWEST DIVISION																															
Atlantic 1 NE	38.7	19.7	29.2	3.7	71	28	3	13	0	10	28	0	1032	1106	4617	5223	0	0	0	0	1.21	0.12	0.55	3	8	3	0	9.3	7	6+	
Bedford	43.1	22.3	32.7	5.8	73	28	6	14+	0	7	26	0	929	1067	4251	4905	0	0	0	0	1.26	0.10	0.77	2	8	2	0	3.5	1	14+	
Clarinda	44.1	22.9	33.5	7.3	71	28	8	13	0	7	27	0	905	1085	4167	5082	0	0	0	0	0.65	-0.40	0.39	3	4	2	0	1.3	T	25+	
Glenwood	42.6	23.3	33.0	6.4	73	28	8	13	0	8	26	0	922	1075	4220	4943	0	0	0	0	0.57	-0.30	0.43	3	4	2	0	5.0	2	4+	
Greenfield	38.1	20.7	29.4	1.6	70	28	0	14+	0	10	26	2	1023	1041	4433	4782	0	0	0	0	1.18	0.15	0.40	16	6	3	0	8.3	5	3	
Hastings 4 NE																				0.62		0.44	3	3	2	0	2.4	1	6+		
Oakland	39.4	22.8	31.1	5.2	70	28	4	13	0	8	27	0	976	1096	4420	5063	0	0	0	0	0.97	-0.10	0.50	3	3	7	3	0	6.1	5	6+
Randolph																				0.59	-0.32	0.37	3	4	2	0	2.9	2	6+		
Red Oak	43.4	23.1	33.3	6.0	73	28	8	13	0	7	27	0	913	1056	4122	4881	0	0	0	0	0.70	-0.38	0.30	2	5	2	0	1.4	1	6+	
Shenandoah	44.8	24.0	34.4	6.1	74	28	10	13	0	8	27	0	879	1026	3989	4727	0	0	0	0	0.70	-0.45	0.33	2	5	2	0	3.0	1	6+	
Sidney 1 SSE	43.3	23.4	33.4	5.0	75	28	8	14+	0	8	26	0	911	1026	4157	4717	0	0	0	0	0.61	-0.39	0.38	2	4	2	0	3.0	2	6	
Underwood																				0.82		0.43	3	3	3	0	10.0	10	3		
SOUTH CENTRAL DIVISION																															
Albia 3 NNE	38.6	21.4	30.0	3.4	67	28	-2	13	0	9	27	1	1010	1074	4232	4897	0	0	0	0	1.15	-0.25	0.33	2	12	4	0	8.2	5	15	
Allerton	39.8	21.8	30.8	3.7	68	28	3	14+	0	8	28	0	984	1060	4247	4891	0	0	0	0	1.48	0.00	0.48	3	8	4	0	1.4			
Beaconsfield	40.4	21.7	31.1	4.7	69	28	3	13	0	8	27	0	978	1081	4334	4983	0	0	0	0	0.92	-0.26	0.44	16	7	3	0	4.4	1	4+	

FEBRUARY 2016	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																		IOWA CLIMATE REVIEW	
STATION	TEMPERATURE (F)												PRECIPITATION (inches)							
	AVERAGE				NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS				PRECIPITATION			
	MAX	MIN	MEAN	NORM	EXT	EXT	MIN	DAY	MAX	MAX	MIN	MIN	FEB 2016	FEB 2016	FEB 2016	FEB 2016	DEP DAY	PREC 0.01	RPTN 0.10+	SNOWFALL (inches) TOTAL GND DAY
Centerville	40.8	20.8	30.8	3.0	68	28	3	13	0	8	28	0	983	1042	4173	4756	0	0	0	1.37 0.22 0.45 3 9 4 0 2.8 3 15
Chariton 1 E	38.5	19.2	28.9	3.3	69	28	1	13	+0	9	27	0	1039	1103	4489	5088	0	0	0	1.62 0.35 0.54 16 9 5 0 8.0 3 14 +
Creston 2 SW	39.9	21.5	30.7	5.5	69	28	3	14	+0	8	26	0	987	1114	4432	5125	0	0	0	0.92 -0.02 0.35 16 6 3 0 4.7 4 3
Indianola 4 W	37.8	20.9	29.4	3.3	69	28	-1	13	0	9	26	1	1026	1088	4406	5018	0	0	0	1.40 0.26 0.52 3 9 5 0 8.8 5 15
Knoxville	37.5	21.1	29.3	2.7	68	28	1	13	0	9	27	0	1028	1074	4270	4906	0	0	0	1.33 0.11 0.39 16 10 4 0 8.1 3 15 +
Lamoni	42.4	23.0	32.7	5.1	72	28	4	13	0	7	26	0	931	1046	4050	4784	0	0	0	1.29 -0.18 0.47 2 7 3 0 2.7 2 15
Lamoni Airport	43.4	24.8	34.1	5.7	71	27	5	13	0	7	23	0	891	1025	3898	4717	0	0	0	1.37 0.81 2 7 2 0 0 4 15
Lorimor																		0.21 2		
Mount Ayr	41.4	22.3	31.9	5.3	69	28	4	13	0	7	24	0	954	1076	4332	4976	0	0	0	0.88 -0.11 0.50 2 5 2 0 2.6 1 15 +
Osceola	40.3	19.9	30.1	4.2	70	28	2	13	0	9	27	0	1005	1095	4321	5007	0	0	0	1.19 0.05 0.64 16 7 3 0 6.4 2 15 +
Pella 1 S																		1.00 0.00 0.25 16 11 3 0 5.4 3 15		
Rathbun Dam	39.4	21.3	30.4	3.4	68	28	1	13	0	9	28	0	999	1064	4189	4811	0	0	0	1.29 0.00 0.46 16 11 3 0 4.7 3 15
Winterset 1 S													1117		5141		0	0	0	
SOUTHEAST DIVISION																				
Bloomfield 1 WNW													1049		4751		0	0	0	1.06 -0.36 0.38 2 10 3 0 4.9 3 15
Brighton																		0.75 -0.72 0.30 3 8 3 0 5.6 4 15		
Burlington Airport	40.4	23.8	32.1	2.0	65	29	4	13	0	8	24	0	946	977	3882	4378	0	0	0	1.04 -0.58 0.69 2 6 2 0 3.7 3 15 +
Donnellson	41.4	22.9	32.2		66	29	+3	13	0	7	27	0	945		3908		0	0	0	1.18 -0.50 0.49 3 7 4 0 4.6 3 15
Fairfield	39.0	23.3	31.2	1.9	66	28	3	14	+0	9	26	0	974	1000	4082	4554	0	0	0	0.87 -0.67 0.27 2 10 4 0 4.9 4 16 +
Fort Madison	39.7	24.4	32.1	2.0	65	20	5	13	0	8	24	0	949	977	4585	4365	0	0	0	0.85 -0.94 0.62 2 6 2 0 3.1 2 14
Keokuk Lock & Dam 19	40.6	23.8	32.2	2.6	66	29	+2	14	+0	7	26	0	945	990	3817	4422	0	0	0	0.85 -0.78 0.55 3 8 2 0 3.9 3 15
Keosauqua	40.7	22.2	31.5		65	29	+3	13	0	9	26	0	968	997	4029	4566	0	0	0	1.40 -0.37 0.50 3 9 5 0 7.2 5 15
Mount Pleasant 1 SSW	39.1	21.3	30.2	1.1	65	29	+2	14	+0	9	28	0	1001	1005	4220	4551	0	0	0	1.22 -0.39 0.65 3 9 3 0 4.6
Oskaloosa	38.6	21.9	30.3	5.1	67	28	1	13	0	9	28	0	1001	1114	4256	5091	0	0	0	1.10 -0.59 0.25 16 10 5 0 6.3 2 15 +
Ottumwa Airport	39.7	22.4	31.1	4.0	67	27	1	13	0	8	26	0	977	1063	4106	4885	0	0	0	0.80 -0.48 0.29 2 7 3 0 5.5 4 15
Salem 1 S																		0.84 0.51 3 6 2 0 3.5 2 15		
Sigourney																				
Washington	39.2	22.5	30.9	5.5	65	28	5	14	+0	9	27	0	984	1107	4240	5058	0	0	0	0.65 -0.62 0.35 3 8 1 0 3.9 3 15
SUPPLEMENTAL STATIONS																				
Moline Airport	39.9	23.6	31.8	4.8	66	28	4	13	0	8	23	0	958	1064	3989	4798	0	0	0	0.89 -0.71 0.60 2 5 2 0 6.3 4 16 +
Omaha Eppley AP	43.2	25.1	34.2	6.1	75	27	9	13	0	8	25	0	886	1033	3966	4798	0	0	0	0.61 -0.24 0.43 2 7 1 0 6.3 3 4 +
Sioux Falls WFO AP	34.5	19.2	26.9	5.4	63	27	-5	13	0	11	28	2	1100	1218	5037	5850	0	0	0	1.20 0.60 0.36 29 13 4 0 13.0 5 14 +
DIVISIONAL AND STATE AVERAGES																				
Northwest	32.6	18.7	25.7	4.4	68	28	-8	13	0	12	28	2	1135	1223	5080	5766	0	0	0	1.24 0.60 1.07 3 10 3 0 17.1 20 15 +
North Central	31.0	17.0	24.0	3.6	63	28	-11	13	0	13	28	5	1181	1248	5087	5830	0	0	0	0.97 0.11 1.46 3 6 1 0 11.7 15 16 +
Northeast	32.7	17.6	25.2	3.4	64	27	-17	13	0	12	27	4	1148	1208	4854	5598	0	0	0	0.84 -0.26 0.92 3 5 2 0 9.7 14 7 +
West Central	35.7	20.2	28.0	4.1	73	27	-5	13	0	11	27	1	1068	1151	4762	5379	0	0	0	1.12 0.30 0.81 3 8 3 0 12.1 14 14 +
Central	35.3	19.8	27.6	3.8	71	27	-8	14	+0	10	28	3	1079	1155	4634	5347	0	0	0	0.86 -0.16 1.30 3 6 2 0 8.8 15 7 +
East Central	36.7	21.8	29.3	4.1	66	28	-2	14	0	9	26	1	1029	1113	4381	5104	0	0	0	0.54 -0.80 0.59 3 5 2 0 4.0 6 16 +
Southwest	41.9	22.5	32.2	5.3	75	28	0	14	+0	8	27	0	943	1066	4264	4931	0	0	0	0.82 -0.22 0.77 2 5 2 0 4.7 10 3
South Central	40.0	21.5	30.8	4.2	72	28	-2	13	0	8	26	0	986	1075	4259	4938	0	0	0	1.23 -0.01 0.81 2 8 3 0 5.2 5 15
Southeast	39.8	22.9	31.4	3.5	67	28	+1	13	0	8	26	0	969	1038	4113	4716	0	0	0	0.97 -0.59 0.69 2 8 3 0 4.7 5 15
State	35.9	20.1	28.0	4.0	75	28	-17	13	0	10	27	2	1066	1148	4633	5322	0	0	0	0.96 -0.09 1.46 3 7 2 0 9.0 20 15 +

FEBRUARY 2016		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW						
STATION	OBS TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg
NORTHWEST DIVISION																																
Cherokee	8 MAX	41	42	30	21	29	28	38	40	21	20	18	16	14	14	25	39	33	33	46	55	43	37	37	38	36	34	45	67	46	34.0	
	MIN	21	21	18	8	0	0	24	17	4	4	12	6	-8	1	14	24	26	27	32	28	32	31	31	27	27	21	23	32	28	18.3	
Emmetsburg	8 MAX	39	38	29	18	27	27	34	36	17	16	15	17	13	15	25	34	34	33	43	47	41	38	37	38	34	34	43	62	42	31.9	
	MIN	23	23	16	5	10	5	27	14	4	5	6	-2	-7	-2	15	23	22	28	31	31	31	28	32	29	25	24	30	38	28	18.7	
Estherville Airport	24 MAX	37	28	23	26	26	34	37	18	16	15	13	15	11	20	32	32	29	36	44	41	40	33	37	34	30	42	57	46	36	30.6	
	MIN	21	23	6	2	1	22	18	8	3	6	-6	-3	-8	11	20	16	17	27	33	32	30	28	31	28	24	23	32	30	18	17.0	
Estherville 4 E	7 MAX	40	37	28	16	26	26	33	37	15	15	11	15	10	11	24	32	32	30	40	45	41	39	32	37	34	30	43	57	39	30.2	
	MIN	22	25	15	8	2	5	23	10	3	6	-5	-4	-7	-3	11	22	19	23	28	31	30	27	27	28	24	23	27	34	29	16.7	
Hawarden	7 MAX	38	37	27	29	28	28	37	33	26	25	24	19	17	15	25	41	34	34	45	55	44	39	39	39	37	33	45	68	45	34.7	
	MIN	21	20	15	16	5	5	14	21	8	8	12	9	0	2	15	20	27	27	31	30	30	30	24	26	22	25	30	31	19.1		
Le Mars	7 MAX	38	40	28	20	28	28	38	39	26	23	22	17	15	16	25	38	33	35	47	56	45	37	38	40	38	36	46	68	46	34.7	
	MIN	25	25	14	8	10	10	15	19	6	6	12	10	-2	-2	16	22	26	27	30	33	31	31	25	25	22	25	32	28	19.3		
Pocahontas	8 MAX	41	40	31	18	26	28	35	38	21	18	15	16	12	15	25	35	34	35	45	50	42	36	36	40	37	30	46	63	45	32.9	
	MIN	24	27	18	8	2	7	24	14	4	4	3	6	-5	0	14	24	23	26	30	33	31	30	30	26	23	26	37	29	18.9		
Primghar	16 MAX	37	37	25	26	26	35	37	33	18	18	18	18	18	9	22	35	34	34	41	46	47	40	35	35	35	34	41	62	60	33.6	
	MIN	23	25	13	11	11	21	29	14	4	8	10	8	-5	8	20	28	22	29	36	31	31	28	32	27	26	24	34	37	25	21.0	
Rock Rapids	8 MAX	39	37	27	21	28	29	37	38	22	21	18	17	12	12	24	36	32	34	43	53	43	36	36	37	35	33	46	61	42	32.7	
	MIN	23	23	15	10	6	5	18	17	5	4	12	6	-4	0	12	21	25	26	31	31	31	29	29	26	27	25	26	34	29	18.7	
Sanborn	8 MAX	35	39	26	21	26	26	33	35	19	18	14	15	15	14	23	34	31	33	42	45	41	38	34	35	33	31	41	60	40	30.9	
	MIN	22	22	12	9	9	11	19	14	3	3	10	7	-7	-1	14	21	22	25	25	29	30	28	28	25	25	23	24	32	28	17.7	
Sheldon	7 MAX	37	39	27	18	27	28	34	35	19	19	16	16	14	13	24	36	32	33	43	47	42	36	35	36	35	32	44	63	41	31.8	
	MIN	23	23	14	7	0	10	18	15	3	3	11	4	-6	-7	13	19	23	26	30	29	28	29	29	26	26	23	31	32	17.5		
Sibley	7 MAX	37	38	30	19	25	26	31	37	18	18	13	15	11	11	22	34	30	31	40	46	42	36	34	35	33	30	40	58	38	30.3	
	MIN	21	24	12	10	4	18	20	13	3	2	9	6	-8	-3	11	20	20	23	28	28	29	27	27	24	25	22	23	32	28	17.2	
Sioux Center 2 SE	16 MAX	37	35	27	28	27	34	37	33	23	22	17	17	9	24	37	35	33	38	49	48	41	37	39	36	34	43	62	62	39	34.6	
	MIN	23	26	14	8	3	15	27	17	5	15	11	8	-6	8	17	30	26	30	34	30	31	30	32	26	30	23	27	37	25	20.8	
Sioux Rapids 4 E	22 MAX	41	29	23	26	25	33	38	23	18	18	18	15	9	20	33	33	30	37	50	42	38	35	37	37	33	44	62	45	36	32.0	
	MIN	23	23	10	7	4	22	23	12	3	11	7	-1	-6	9	20	24	21	27	32	33	30	29	31	27	27	22	29	27	22	18.9	
Spencer Airport	24 MAX	39	29	24	27	27	35	38	19	19	19	14	17	11	22	34	35	32	38	46	42	39	36	37	34	32	43	60	50	36	32.2	
	MIN	19	24	7	0	2	18	19	9	4	11	6	-4	-8	11	20	22	22	29	33	32	31	30	33	28	28	22	32	29	20	18.2	
Spencer 1 N	24 MAX	37	29	23	26	27	36	37	19	18	18	15	15	9	21	35	35	34	40	49	42	37	35	38	34	30	45	62	52	36	32.2	
	MIN	23	23	10	6	1	21	19	8	4	10	8	-3	-6	9	20	23	22	28	35	32	30	28	32	28	27	24	33	34	19	18.9	
Spirit Lake 4 W	24 MAX	39	27	22	26	26	35	37	18	17	16	14	16	10	21	33	33	30	38	44	41	37	33	37	32	30	41	56	46	37	30.8	
	MIN	24	22	11	6	5	21	18	8	3	9	3	-5	-8	10	21	20	20	28	35	31	29	27	32	27	25	22	32	30	17	18.0	
Storm Lake	8 MAX	41	39	30	24	27	27	34	39	23	18	19	14	16	14	27	37	34	34	45	53	45	37	36	38	36	33	46	63	43	33.5	
	MIN	26	26	18	13	12	10	22	15	5	3	11	10	-4	-3	14	27	26	24	28	34	33	30	30	29	28	22	33	31	20.1		
Washta	7 MAX	40	42	30	22	29	28	39	39	23	21	19	17	17	15	30	40	37	36	49	56	43	37	38	41	35	34	45	67	46	35.0	
	MIN	25	21	15	8	2	1	25	18	6	5	12	8	-5	6	15	30	24	27	32	35	31	30	30	27	27	22	27	31	28	19.4	

FEBRUARY 2016				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW					
STATION	TIME	OBS		DAY OF MONTH																									AVG				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
NORTH CENTRAL DIVISION																																	
Algona 3 W	6	MAX	37	37	30	19	26	27	33	36	15	15	12	15	13	13	22	33	33	33	42	48	41	38	38	40	34	30	43	61	42	31.2	
		MIN	24	24	19	10	7	5	23	12	4	4	-1	-2	-6	-4	13	22	24	23	29	33	30	29	29	26	25	25	32	29		17.8	
Allison	7	MAX	36	31	33	22	26	29	35	37	15	12	12	15	14	15	19	33	34	31	41	45	40	40	37	41	37	33	41	61	48	31.5	
		MIN	24	21	21	4	4	5	26	12	8	-3	-4	-4	-11	-9	15	19	19	21	29	34	30	30	31	32	31	28	28	30	27	17.2	
Britt	7	MAX	37	35	30	20	25	26	33	36	14	14	11	15	12	13	21	33	32	30	41	46	40	36	36	39	34	31	41	56	42	30.3	
		MIN	22	22	20	6	2	3	24	10	4	3	-2	-3	-8	-6	13	21	19	21	27	32	30	29	29	30	24	24	27	33	29	16.7	
Charles City	22	MAX	30	32	31	25	24	30	40	26	14	12	13	14	8	18	30	33	29	39	44	41	37	34	38	36	33	39	60	46	40	30.9	
		MIN	22	25	9	0	2	23	26	12	6	-1	-5	1	-6	8	18	24	17	24	36	30	27	30	30	32	27	27	29	30	26	18.2	
Clarion	7	MAX	38	M	M	17	25	M	M	M	M	14	14	15	M	M	22	34	M	32	M	M	M	37	39	35	M	M	M	45	M	M	
		MIN	19	M	M	2	5	5	M	M	M	3	-4	-5	M	M	M	M	M	24	29	M	M	30	31	31	26	M	M	M	30		
Dakota City	8	MAX	40	40	31	18	26	27	35	38	16	16	15	15	12	15	23	37	34	34	44	49	43	36	35	41	37	30	45	62	44	32.3	
		MIN	23	26	17	Z	2	2	24	12	4	6	-1	0	-6	-2	15	23	25	26	29	32	31	30	30	31	26	26	26	38	29		18.3
Forest City 2 NNE	7	MAX	36	36	30	18	25	25	33	37	14	13	15	15	12	13	20	32	32	29	40	45	39	39	33	39	34	30	42	59	42	30.2	
		MIN	22	19	18	8	4	5	23	10	4	1	-1	-1	-10	-9	13	20	17	20	28	33	29	29	29	25	24	24	31	28		16.3	
Hampton	7	MAX	40	40	33	21	27	28	35	39	16	16	14	15	16	14	21	35	36	30	44	46	44	39	37	39	37	33	43	63	48	32.7	
		MIN	25	25	20	7	5	5	26	11	6	3	-3	-3	-7	-6	14	21	20	21	27	33	30	31	30	32	28	27	28	32	30		17.9
Mason City	7	MAX	41	36	31	20	25	27	35	41	17	16	14	16	15	12	20	34	35	29	40	47	43	40	34	39	36	33	42	59	46	31.8	
		MIN	24	23	20	3	3	4	24	12	7	3	-4	-5	-5	-5	12	20	16	17	26	34	28	31	31	32	26	27	27	34	29		17.0
Mason City Airport	24	MAX	36	31	29	26	25	34	39	19	14	12	12	15	8	17	33	34	28	37	45	44	38	34	38	36	33	41	58	47	39	31.1	
		MIN	21	26	7	-1	0	24	19	10	5	0	-6	-4	-8	8	17	24	14	27	35	29	28	31	32	31	26	27	33	29	22		17.4
Northwood	7	MAX	36	32	29	18	24	27	33	37	14	13	12	13	11	11	18	33	33	28	39	45	39	36	32	36	35	31	39	56	42	29.4	
		MIN	21	21	18	-2	-1	2	23	10	5	-2	-7	-7	-9	-9	11	18	9	13	26	32	25	26	29	30	24	24	26	36	26		14.4
Osage	7	MAX	38	30	31	19	24	26	33	39	14	13	11	14	12	14	18	31	33	28	42	43	40	37	35	36	34	32	39	56	45	29.9	
		MIN	20	20	19	2	3	3	24	11	5	1	-4	-1	-6	-7	14	17	16	17	27	33	27	30	30	31	27	26	26	38	29		16.5
Swea City 4 W	7	MAX	39	38	28	17	27	26	33	37	15	16	11	15	12	13	22	32	32	30	41	45	40	38	35	38	35	33	42	59	41	30.7	
		MIN	22	23	18	Z	3	6	23	11	3	2	-5	-3	-8	-5	12	22	20	22	28	32	30	28	28	29	26	25	25	33	29		16.8
NORTHEAST DIVISION																																	
Cascade	7	MAX	40	34	36	35	34	29	37	41	19	16	17	23	17	17	21	29	35	36	45	50	49	42	43	45	39	37	39	61	58	35.3	
		MIN	30	30	30	12	12	19	27	18	12	7	7	8	2	2	16	21	15	15	29	35	33	27	30	30	31	29	28	32	29		21.2
Cresco 1 NE	7	MAX	39	35	32	24	25	26	34	39	18	15	14	16	15	12	18	28	35	30	41	42	42	41	37	38	36	36	38	58	47	31.4	
		MIN	19	19	20	-2	-1	1	25	13	4	-7	-12	-12	-17	-10	12	18	4	8	24	30	23	29	30	30	28	26	26	35	35		13.7
Decorah	16	MAX	38	33	32	26	25	29	39	36	14	14	16	14	13	18	27	33	33	40	44	42	42	40	39	39	36	39	60	59	43	33.2	
		MIN	22	26	22	-4	2	21	25	13	1	-9	-8	11	-13	2	16	25	6	22	38	32	26	29	32	34	29	27	25	36	27		17.8
Dubuque Lock & Dam 11	6	MAX	37	34	34	31	30	29	37	41	21	14	14	18	18	14	18	27	33	28	44	50	47	42	39	43	37	34	36	59	58	33.3	
		MIN	24	27	30	10	10	19	27	18	10	4	4	4	-1	-1	14	18	8	7	25	33	31	27	27	30	29	28	27	27	28		18.8
Dubuque Airport	24	MAX	34	34	33	30	27	33	38	31	14	14	19	18	13	18	26	33	30	40	48	48	43	42	42	39	36	37	58	57	47	33.9	
		MIN	28	29	13	10	16	21	31	14	8	4	4	4	-2	11	17	21	14	22	36	35	29	28	27	33	27	26	34	25		20.4	
Elkader 6 SSW	7	MAX	39	34	34	27	28	28	36	39	19	13	14	18	15	13	18	27	34	31	45	46	44	43	39	42	37	36	39	62	54	32.9	
		MIN	25	26	27	-1	0	4	27	15	8	-2	-5	-5	-8	-8	13	18	7	8	27	34	28	24	27	31	29	28	24	31	28		15.9

FEBRUARY 2016		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																									IOWA CLIMATE REVIEW									
STATION	TIME	OBS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avg		
Fayette	7	MAX	37	31	34	26	27	27	35	38	15	11	12	16	12	12	19	27	33	31	43	44	41	41	37	42	37	34	40	60	52		31.5			
		MIN	28	24	26	2	1	4	27	13	6	-1	-5	-4	-10	-9	12	18	12	13	26	34	30	29	30	33	29	27	27	30	28		16.6			
Guttenberg L & D 10	24	MAX	38	37	36	31	29	35	42	32	15	13	20	20	14	20	28	36	30	42	49	46	43	40	44	38	37	40	62	57	46		35.2			
		MIN	26	27	13	1	11	27	32	14	7	2	2	5	-6	9	18	22	11	25	42	37	31	30	31	34	30	29	29	36	26		20.7			
Manchester #2	7	MAX	39	32	33	28	30	29	35	39	17	12	14	18	14	15	19	28	35	32	46	46	48	42	43	43	38	36	39	60	55		33.3			
		MIN	28	28	27	6	7	9	26	17	8	2	1	2	-6	-5	14	19	11	12	29	34	31	26	30	33	30	27	27	29	28		18.3			
New Hampton	8	MAX	36	29	31	21	24	26	33	38	13	11	11	15	12	12	17	28	32	28	40	42	40	39	34	39	35	32	38	59	47		29.7			
		MIN	21	20	21	-1	-1	0	25	12	8	-2	-7	-7	-8	-9	11	17	15	16	25	32	27	27	29	31	28	25	26	35	27		15.3			
Oelwein 1 E	7	MAX	37	33	33	23	25	28	35	39	15	11	12	17	13	14	19	28	34	28	43	45	41	41	39	42	36	34	40	60	53		31.7			
		MIN	25	25	23	2	3	6	28	13	6	-2	-4	-2	-9	-7	14	19	15	15	25	35	29	29	31	31	28	27	26	28	27		16.8			
Postville	7	MAX	36	30	33	25	27	27	35	38	19	10	13	17	15	15	18	26	36	28	41	44	39	40	37	41	38	36	37	60	51		31.4			
		MIN	24	24	24	2	4	7	27	14	5	-2	-5	-5	-12	-10	12	18	8	10	23	33	28	28	28	29	28	26	27	32	28		15.7			
Stanley 4 W	7	MAX	37	32	33	26	28	28	33	38	15	11	13	18	14	14	19	28	33	29	43	45	42	41	38	42	35	33	39	61	53		31.8			
		MIN	25	26	24	-1	2	3	27	13	7	0	-2	-2	-6	-5	13	19	13	14	26	34	30	28	31	32	29	28	27	27	28		16.9			
Tripoli	7	MAX	40	30	33	24	26	28	35	40	14	14	13	16	16	14	19	29	34	31	43	45	40	41	37	42	38	34	42	63	50		32.1			
		MIN	24	23	23	3	3	4	28	13	9	-3	-5	-5	-8	-8	13	19	19	19	26	34	29	29	30	32	29	28	28	30	29		17.1			
Waterloo Airport	24	MAX	33	35	33	27	27	37	40	25	14	15	18	16	14	19	32	36	31	42	46	44	42	40	44	39	35	42	64	53	46		34.1			
		MIN	28	30	6	-4	1	27	25	13	7	1	-4	0	-6	14	19	22	22	28	39	30	27	30	33	29	29	28	30	25		19.3				
WEST CENTRAL DIVISION																																				
Audubon	8	MAX	40	39	31	22	26	29	37	40	20	19	21	18	17	15	30	41	34	35	53	57	48	40	40	43	36	34	47	68	50		35.5			
		MIN	21	21	19	4	0	5	25	17	5	4	4	8	-2	1	15	28	27	27	33	33	31	31	29	30	28	19	24	36	25		18.9			
Battle Creek 3 NE	8	MAX	41	39	30	21	28	28	37	40	21	19	19	17	17	17	30	39	33	34	48	56	42	38	39	39	34	33	46	67	46		34.4			
		MIN	22	23	16	9	-2	8	25	17	5	5	11	10	-5	1	17	30	27	29	29	29	30	31	31	28	21	24	33	28		19.3				
Carroll	7	MAX	41	40	31	20	27	29	36	35	20	19	18	17	17	14	28	38	35	35	49	56	45	36	39	43	39	35	47	67	50		34.7			
		MIN	26	25	19	13	6	7	25	17	4	4	7	9	-2	-1	14	28	27	27	30	33	31	31	30	30	28	20	23	35	27		19.8			
Castana Exp. Farm	7	MAX	42	39	31	23	29	29	39	41	25	21	29	17	18	18	32	42	33	36	55	60	46	42	39	44	34	33	46	70	48		36.6			
		MIN	27	28	18	12	10	16	24	20	8	8	11	12	1	1	18	32	29	30	35	36	31	31	30	26	27	22	22	38	31		21.9			
Denison	7	MAX	41	41	30	19	25	26	33	40	19	18	20	16	16	14	28	39	32	33	45	57	45	41	38	39	36	32	46	68	48		34.0			
		MIN	27	26	18	16	10	11	25	16	4	4	10	10	-1	0	14	28	26	26	33	35	30	30	30	28	28	22	22	28	32		20.3			
Guthrie Center	8	MAX	41	43	33	23	31	31	40	40	20	20	20	19	17	15	28	44	35	36	56	56	49	40	41	46	39	36	50	69	54		37.0			
		MIN	25	26	21	5	2	7	27	18	6	6	7	8	-1	1	15	28	27	28	33	34	29	32	27	31	27	22	23	39	25		19.9			
Harlan 1 ESE	7	MAX	M	39	33	M	31	M	M	M	M	21	30	21	M	M	31	M	35	40	57	61	M	43	44	45	M	M	M	M	M	M		M		
		MIN	M	24	21	M	7	M	M	M	M	7	9	9	2	M	M	M	30	30	35	M	32	32	33	32	M	M	M	M	M	M		M		
Holstein	22	MAX	38	30	24	26	25	31	36	23	18	17	15	15	10	24	37	34	34	41	53	43	35	37	38	33	32	43	64	50	40		32.6			
		MIN	24	24	12	7	9	22	23	14	3	11	10	0	-5	10	19	26	25	28	37	31	30	30	30	26	29	21	29	30	24		20.0			
Jefferson 2 NW	7	MAX	39	38	33	21	27	30	38	39	18	18	18	16	17	15	24	37	34	34	49	53	46	38	39	43	37	33	49	67	50		34.5			
		MIN	27	23	20	10	4	4	26	15	7	4	6	5	-5	-1	15	24	27	27	31	37	31	32	31	32	28	25	24	35	29		19.8			
Little Sioux 2 NW	7	MAX	41	37	34	23	28	29	35	41	29	23	32	21	21	18	31	37	34	39	56	58	47	46	46	45	38	34	47	71	51		37.7			
		MIN	23	25	20	4	3	10	12	24	9	9	11	12	3	5	15	22	28	28	34	30	30	32	30	25	26	20	24	30	30		19.8			
Logan	8	MAX	45	41	34	25	32	30	41	43	27	24	35	22	23	20	32	46	36	42	58	63	53	45	42	47	40	35	49	72	51		39.8			
		MIN	17	20	13	6	9	14	25	25	11	12	13	14	6	7	20	25	28	30	37	31	31	34	32	30	30	22	25	39	27		21.8			

FEBRUARY 2016		OBS TIME	DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW											
STATION			1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	31:00	Avg				
Mapleton #2		7	MAX	42	39	30	22	30	28	39	41	25	22	28	18	18	16	30	39	33	37	51	59	45	40	39	42	34	34	46	70	47		36.0				
			MIN	22	21	18	7	2	12	25	21	7	7	12	12	1	2	16	30	28	28	34	33	30	31	31	27	27	21	23	30	29		20.2				
Rockwell City		7	MAX	41	38	35	23	28	28	38	42	19	19	17	16	15	14	25	40	38	35	49	52	45	38	37	41	38	33	48	64	48		34.6				
			MIN	26	25	23	14	4	4	27	15	4	5	7	7	-5	-2	14	25	26	26	30	34	33	32	32	31	27	24	23	35	29		19.8				
Sac City		7	MAX	39	38	30	19	25	26	36	39	20	19	15	16	15	16	25	37	33	32	45	52	44	36	36	37	38	33	46	65	47		33.1				
			MIN	24	26	19	10	1	1	23	16	4	4	10	9	-4	-1	12	25	25	25	29	34	31	30	30	29	27	21	20	35	28		18.7				
Sioux City Airport		24	MAX	44	34	27	31	32	40	43	30	25	31	20	22	18	30	42	37	37	51	60	48	45	41	47	41	35	50	73	56	46		39.2				
			MIN	24	27	6	7	7	14	25	21	11	16	17	8	5	18	24	31	30	34	38	30	34	34	28	24	28	22	28	29	25		22.2				
CENTRAL DIVISION																																						
Ames Airport		24	MAX	43	34	33	30	29	37	41	26	17	16	18	18	14	22	36	36	34	44	53	48	40	42	43	38	32	46	66	53	50		35.8				
			MIN	25	31	12	9	8	28	26	14	8	12	-4	3	0	13	20	30	27	30	37	31	30	27	29	31	29	29	25	31	27		21.3				
Ames 8 WSW		16	MAX	41	41	33	29	28	32	38	35	16	15	16	16	16	21	34	34	33	41	51	51	45	40	42	42	35	46	65	64	48		36.1				
			MIN	27	27	16	8	7	25	31	12	5	9	-1	12	-2	11	18	28	27	29	37	34	31	29	31	27	27	29	40	29		21.9					
Ames 5 SE		6	MAX	46	43	34	21	31	30	38	39	17	16	17	18	17	15	22	35	34	34	53	55	47	40	41	43	37	30	46	66	53		35.1				
			MIN	28	26	21	10	9	9	28	14	8	7	-1	-2	-1	-1	14	20	27	27	30	35	30	27	29	30	28	28	27	26	29		19.4				
Ankeny		8	MAX	44	45	34	22	34	29	35	41	18	17	18	20	17	15	25	38	35	36	53	58	52	43	42	45	37	32	48	69	57		36.5				
			MIN	26	29	22	11	10	15	28	14	8	8	0	3	-3	1	14	24	28	29	32	38	30	26	29	31	27	28	25	30	29		20.4				
Boone		8	MAX	42	45	32	24	30	29	36	42	19	18	16	17	21	14	23	40	37	35	49	53	49	40	39	42	37	35	47	67	54		35.6				
			MIN	24	24	20	5	4	6	27	14	6	6	0	0	-3	-2	14	23	26	27	30	29	29	26	29	31	26	27	24	28	27		18.2				
Des Moines Airport		24	MAX	47	36	34	35	32	40	45	29	19	20	21	21	16	25	41	37	38	53	60	55	45	44	46	40	36	49	71	59	59		39.8				
			MIN	27	33	14	12	14	28	29	15	10	14	7	5	2	15	19	32	30	32	45	38	34	31	32	30	30	30	35	30		24.3					
Des Moines Camp Dodge		24	MAX	45	34	33	32	30	39	42	27	18	19	22	21	14	24	41	36	36	50	60	54	43	42	44	37	34	49	70	58	55		38.2				
			MIN	28	31	13	12	11	27	27	14	8	11	2	1	-2	14	30	29	31	45	34	31	29	31	28	29	30	32	28		22.6						
Eldora		7	MAX	39	39	32	20	28	28	35	38	15	13	13	17	15	15	20	33	35	33	46	47	44	38	39	41	36	32	44	65	50		32.8				
			MIN	25	25	20	4	4	5	27	11	6	3	-3	-2	-7	-5	14	20	24	26	29	33	31	28	30	31	28	27	28	32	29		18.0				
Fort Dodge 5 NW		7	MAX	38	39	39	18	27	28	34	36	18	16	14	16	13	14	22	37	34	33	46	50	43	35	36	41	37	29	46	63	45		32.7				
			MIN	24	24	18	8	3	0	25	13	5	5	0	-2	-6	-4	14	22	25	25	29	29	31	30	31	26	26	25	37	29		18.0					
Grinnell 3 SW		7	MAX	44	35	34	26	34	29	36	41	17	14	16	20	19	15	20	32	36	36	53	55	51	44	43	45	39	36	44	66	56		35.7				
			MIN	25	25	26	11	12	11	28	15	10	8	0	0	-1	0	15	20	27	28	29	38	29	21	21	30	31	28	22	28	28		19.5				
Grundy Center		8	MAX	39	41	34	22	29	29	36	39	15	13	13	17	15	15	21	33	36	32	46	48	43	38	39	43	38	32	43	65	54		33.4				
			MIN	24	24	21	6	6	6	27	13	7	3	-2	-2	-6	-6	15	21	22	25	29	36	31	29	30	31	31	28	29	38	28		18.8				
Iowa Falls		7	MAX	40	41	32	20	27	28	34	39	15	14	14	15	15	14	21	33	34	32	45	48	43	37	39	40	36	31	44	63	48		32.5				
			MIN	23	23	19	1	1	3	25	11	5	4	-5	-5	-6	-2	14	21	23	24	29	31	31	27	27	32	27	27	26	30	29		17.1				
Marshalltown		7	MAX	41	44	34	23	32	30	37	40	16	15	14	19	17	16	21	34	35	33	53	54	46	41	42	44	39	32	45	67	55		35.1				
			MIN	26	26	23	7	10	9	29	14	9	8	1	0	-2	-1	15	21	24	28	30	38	31	27	29	29	31	29	28	33	30		20.1				
Marshalltown Airport		24	MAX	42	34	33	30	28	37	39	25	15	14	18	18	16	20	33	36	33	43	52	48	42	43	45	40	34	44	67	55	49		35.6				
			MIN	27	30	7	6	7	28	25	13	7	5	-1	1	-3	14	20	23	28	40	32	28	27	28	32	29	28	29	29	27		20.5					
Newton		7	MAX	42	42	34	28	35	29	37	41	17	15	17	20	18	16	21	35	35	34	52	57	50	43	42	47	41	33	45	68	56		36.2				
			MIN	25	25	28	11	11	13	29	17	8	8	1	1	0	0	15	20	27	30	39	30	26	26	29	29	28	28	30	31		20.4					
Perry		7	MAX	42	42	34	21	31	30	38	43	19	17	19	19	18	15	25	41	37	37	52	58	48	40	42	46	37	33	50	69	52		36.4				
			MIN	26	28	21	8	8	8	27	16	7	6	5	5	-2	1	15	25	28	28	32	34	31	32	30	31	28	26	27	29	29		20.3				

FEBRUARY 2016		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW									
STATION	TIME	OBS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avg
		MAX	MIN	39	34	33	22	33	29	36	39	15	13	14	19	17	15	20	33	35	32	53	53	47	41	42	46	38	34	43	66	56	34.4		
Toledo 3 N	7	MAX	39	34	33	22	33	29	36	39	15	13	14	19	17	15	20	33	35	32	53	53	47	41	42	46	38	34	43	66	56	34.4			
		MIN	25	25	22	10	9	9	29	14	9	5	1	1	-3	-3	13	20	24	27	30	35	31	27	27	29	31	28	28	28	27	19.2			
Webster City	7	MAX	40	39	32	23	28	28	36	41	18	16	14	16	16	14	21	33	35	31	46	50	44	35	37	40	36	33	46	64	50	33.2			
		MIN	24	24	19	1	-4	0	23	12	6	6	-8	-7	-8	-8	12	21	25	25	26	32	31	30	31	31	27	26	28	32	32	16.9			
EAST CENTRAL DIVISION																																			
Anamosa 3 SSW	7	MAX	40	34	35	33	33	29	37	41	19	15	17	22	20	17	21	29	36	34	42	52	50	42	44	45	39	37	41	62	58	35.3			
		MIN	30	29	33	12	12	17	29	18	13	7	6	4	1	1	16	21	23	22	28	38	33	29	31	32	31	28	28	28	28	21.7			
Belle Plaine	7	MAX	42	35	35	25	34	31	38	42	17	15	18	22	19	16	22	33	37	34	55	54	50	44	45	45	39	36	42	65	58	36.1			
		MIN	29	29	25	9	12	13	28	15	11	9	4	5	1	1	16	22	27	27	30	35	31	25	28	30	31	28	25	28	25	20.7			
Bellevue Lock & Dam 12	6	MAX	40	38	37	35	34	32	38	43	23	17	18	24	22	17	21	28	35	36	42	55	52	44	42	46	38	37	39	61	60	36.3			
		MIN	28	29	33	14	13	25	28	22	13	6	6	7	4	2	16	20	17	14	25	37	32	27	28	31	33	30	27	29	30	21.6			
Cedar Rapids Airport	24	MAX	32	34	34	33	29	39	43	31	15	16	22	21	16	20	31	37	34	44	55	50	44	44	46	39	37	41	64	60	58	36.9			
		MIN	30	30	14	12	14	27	31	15	9	5	3	5	1	15	20	26	27	27	40	34	28	26	31	33	27	29	26	33	26	22.2			
Cedar Rapids #1	17	MAX	38	35	34	34	32	37	43	39	15	16	21	21	14	19	30	36	34	44	53	51	42	43	44	43	36	41	64	62	49	36.9			
		MIN	30	29	21	11	14	27	28	15	9	6	2	13	0	13	18	18	25	26	39	36	33	26	32	34	30	28	29	37	29	22.7			
Clinton #1	18	MAX	36	36	36	34	31	42	45	37	19	18	23	24	18	19	28	33	34	45	57	56	43	41	45	41	39	38	61	62	54	37.8			
		MIN	29	29	25	15	26	25	32	18	11	5	7	13	1	13	18	17	21	24	40	36	32	25	27	33	31	26	26	41	29	23.3			
Coggon	6	MAX	38	32	33	29	32	28	36	40	17	12	14	19	16	15	20	28	35	31	48	49	46	40	42	44	38	35	39	62	56	33.6			
		MIN	29	28	29	8	9	12	27	15	10	4	3	3	-1	-2	14	20	21	19	26	37	31	27	31	32	29	27	28	37	28	20.0			
Davenport Airport	24	MAX	33	35	36	34	30	42	45	33	18	18	23	23	18	20	29	34	35	45	57	54	44	44	46	40	39	39	61	62	59	37.8			
		MIN	29	30	18	16	24	25	32	16	10	3	4	7	0	16	18	20	24	25	41	33	30	25	28	33	27	27	28	35	29	22.5			
Iowa City	7	MAX	43	34	36	32	35	29	43	46	19	17	19	24	23	19	22	32	38	34	52	57	55	46	44	47	41	39	39	42	66	62	37.8		
		MIN	30	30	32	15	15	16	21	18	13	7	6	9	4	3	17	18	27	27	39	35	22	22	30	33	26	23	23	26	21.2				
Iowa City Airport	24	MAX	34	36	35	35	29	42	46	33	17	19	23	23	19	21	31	37	33	46	57	54	46	46	47	40	38	42	65	62	62	38.6			
		MIN	29	31	18	15	16	22	33	16	11	8	8	7	2	16	20	20	29	27	39	38	28	24	28	35	28	27	24	35	27	22.8			
Le Claire L & D 14	6	MAX	41	36	37	36	36	32	44	46	22	17	19	23	23	24	19	22	29	34	36	45	51	56	43	44	45	40	38	39	59	63	37.1		
		MIN	30	29	33	16	16	16	29	21	13	7	6	8	2	2	16	20	20	20	26	30	40	33	26	26	28	33	27	29	32	32	22.3		
Lowden	24	MAX	33	35	34	34	31	40	45	33	17	18	24	22	18	21	29	36	35	45	55	55	44	44	47	41	37	42	63	63	56	37.8			
		MIN	29	31	16	14	21	27	29	16	9	6	5	4	1	16	19	18	23	26	39	35	28	26	31	32	28	28	29	35	28	22.4			
Maquoketa 4 W	7	MAX	38	33	35	32	32	29	36	41	21	15	16	22	21	15	19	26	34	30	42	51	51	43	41	44	39	37	38	60	59	34.5			
		MIN	29	28	32	12	12	12	27	17	10	4	4	5	-1	-1	14	16	16	18	26	38	31	26	29	31	30	25	27	28	27	19.7			
Muscatine	6	MAX	43	34	37	35	36	30	45	46	21	18	19	25	25	19	23	30	36	35	54	59	57	46	47	47	40	39	42	65	65	38.6			
		MIN	26	31	33	15	15	15	22	20	14	6	6	6	3	3	16	20	27	29	33	45	35	25	25	30	33	27	26	32	28	22.3			
Muscatine 2 N	5	MAX	42	34	37	35	36	30	44	46	21	17	19	25	23	19	23	31	37	35	50	58	56	44	43	46	40	38	41	64	63	37.8			
		MIN	31	31	34	16	16	20	26	20	15	6	6	8	5	3	16	23	26	29	33	47	35	28	27	31	34	28	30	31	30	23.6			
Vinton	7	MAX	41	32	34	27	31	29	37	40	17	15	17	18	19	15	20	31	37	33	50	50	48	43	42	45	38	35	43	65	56	34.8			
		MIN	30	29	27	6	10	10	27	15	11	4	2	4	-1	-1	15	20	27	26	30	36	32	27	31	32	30	28	27	29	28	20.4			
Williamsburg 1 E	7	MAX	42	34	35	30	36	29	40	42	17	16	14	23	20	16	21	32	37	34	57	57	53	44	44	45	39	36	42	65	60	36.6			
		MIN	31	30	30	15	15	15	25	17	12	7	4	4	0	0	15	21	27	28	30	35	30	25	26	30	31	27	27	27	28	21.1			

FEBRUARY 2016				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW				
STATION	TIME	OBS		DAY OF MONTH																									AVG			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
SOUTHWEST DIVISION																																
Atlantic 1 NE	7	MAX	43	43	33	24	28	29	38	41	23	20	32	22	21	17	31	45	34	41	62	61	53	44	41	46	39	36	50	71	54	38.7
		MIN	21	22	21	7	7	9	26	19	7	6	9	11	3	4	17	28	29	29	35	31	29	31	27	29	27	19	21	23	24	19.7
Bedford	7	MAX	48	46	33	25	36	32	45	46	24	21	38	29	26	20	42	51	39	52	69	65	63	49	42	48	39	39	53	73	58	43.1
		MIN	21	25	23	12	14	16	20	21	8	8	14	14	6	6	19	27	31	32	39	36	31	31	31	30	31	18	22	34	27	22.3
Clarinda	6	MAX	49	47	38	27	37	32	44	47	27	24	40	31	27	22	44	51	39	53	68	66	63	51	44	49	41	37	52	71	58	44.1
		MIN	24	24	26	18	19	18	31	26	11	10	15	13	8	9	22	24	28	29	38	29	29	33	25	25	26	22	25	32	25	22.9
Glenwood	6	MAX	48	42	35	24	30	31	40	45	29	24	39	31	26	22	38	50	38	50	68	65	58	51	43	49	42	37	51	73	55	42.6
		MIN	23	23	24	11	14	16	22	27	15	12	14	13	8	9	21	30	25	29	37	41	32	34	30	31	31	22	21	30	30	23.3
Greenfield	8	MAX	44	45	33	23	31	28	38	41	20	18	24	21	19	19	29	46	34	39	59	60	55	44	39	46	38	37	48	70	56	38.1
		MIN	25	28	20	10	10	15	26	17	5	5	5	7	0	0	16	29	27	28	34	35	30	32	27	29	26	22	27	36	28	20.7
Oakland	7	MAX	45	42	34	26	26	28	35	41	25	22	34	24	21	19	33	46	36	46	60	63	53	47	42	46	39	36	50	70	54	39.4
		MIN	23	23	22	12	12	20	28	21	8	9	10	12	4	8	19	31	29	32	39	39	31	32	31	31	29	22	25	30	29	22.8
Red Oak	7	MAX	52	40	37	27	33	31	42	46	28	24	39	30	26	20	41	52	38	53	69	66	59	50	44	51	42	38	53	73	56	43.4
		MIN	23	24	24	14	15	19	30	24	11	11	14	14	8	9	20	29	29	31	39	32	31	34	29	29	28	24	24	24	27	23.1
Shenandoah	8	MAX	50	47	39	27	32	31	45	47	30	25	43	32	27	23	44	52	36	54	73	67	62	51	44	51	43	39	54	74	57	44.8
		MIN	24	26	23	16	19	22	28	26	12	13	14	14	10	11	23	30	27	30	42	32	31	34	28	30	28	23	24	27	28	24.0
Sidney 1 SSE	7	MAX	47	47	39	24	29	30	43	43	30	24	40	32	25	21	42	51	37	52	73	66	58	50	43	50	42	34	51	75	57	43.3
		MIN	26	29	24	14	17	18	23	23	14	14	13	13	8	8	21	28	26	26	37	37	31	31	30	30	30	22	23	31	33	23.4
SOUTH CENTRAL DIVISION																																
Albia 3 NNE	7	MAX	47	39	35	27	37	31	41	46	19	19	19	23	22	16	22	37	37	38	60	60	58	44	45	46	39	36	46	67	62	38.6
		MIN	25	25	27	16	16	16	23	17	12	9	4	3	-2	3	16	21	29	30	32	42	31	25	24	24	31	28	29	33	32	21.4
Allerton	8	MAX	47	44	36	26	36	33	41	47	21	20	21	23	22	18	27	41	36	43	62	62	61	45	45	46	37	37	47	68	61	39.8
		MIN	28	27	26	15	16	16	21	20	11	10	8	8	3	3	16	26	29	29	32	39	29	28	27	28	28	26	25	29	29	21.8
Beaconsfield	7	MAX	47	46	35	25	37	32	42	44	21	19	26	24	23	18	35	47	35	44	64	62	61	45	41	47	37	37	49	69	59	40.4
		MIN	28	28	24	15	17	18	22	20	10	8	8	7	3	4	16	26	26	29	34	38	30	31	29	28	24	22	23	32	29	21.7
Centerville	7	MAX	48	41	38	29	40	33	45	48	20	20	21	24	23	18	26	40	37	44	61	63	64	47	50	48	39	39	47	68	63	40.8
		MIN	24	22	29	16	16	16	17	17	12	9	10	7	3	5	14	19	30	30	32	39	30	24	25	26	31	28	22	23	26	20.8
Chariton 1 E	7	MAX	48	46	35	24	38	31	38	44	19	18	20	21	21	17	23	39	35	38	60	61	58	45	43	47	37	36	47	69	59	38.5
		MIN	21	19	21	13	14	14	19	17	11	7	3	1	1	2	12	19	28	28	32	40	28	26	22	23	28	27	22	34	24	19.2
Creston 2 SW	7	MAX	47	45	35	25	35	31	41	41	20	19	26	26	20	19	34	47	36	42	63	63	58	45	43	46	38	38	49	69	57	39.9
		MIN	26	25	21	12	16	16	26	18	7	7	8	8	3	3	17	25	29	29	34	37	31	33	29	29	26	23	23	31	31	21.5
Indianola 4 W	7	MAX	47	46	33	23	35	31	38	43	19	17	20	21	20	16	25	40	35	38	55	59	54	44	42	46	38	35	48	69	58	37.8
		MIN	24	31	22	11	11	13	26	16	8	10	2	3	-1	4	16	25	28	30	33	36	29	30	27	27	28	26	25	38	28	20.9
Knoxville	8	MAX	47	44	34	24	37	30	38	43	18	18	18	20	17	16	23	37	35	35	59	60	54	44	42	47	40	34	47	68	58	37.5
		MIN	26	26	23	14	14	14	26	16	8	9	3	3	1	2	15	22	27	28	32	40	30	28	27	28	29	28	29	34	31	21.1
Lamoni	7	MAX	49	45	38	26	40	33	43	47	25	21	29	28	24	20	36	46	39	46	68	65	64	46	43	48	38	38	51	72	61	42.4
		MIN	27	27	25	16	18	19	22	21	11	10	11	10	4	5	16	27	31	31	36	42	31	31	29	30	26	24	24	33	31	23.0
Lamoni Airport	24	MAX	46	39	35	40	32	41	47	29	22	28	27	25	17	36	44	40	46	66	63	65	49	44	49	39	40	49	71	62	68	43.4
		MIN	28	33	19	17	18	22	29	17	11	16	10	7	5	17	24	32	31	34	46	37	31	33	29	27	26	25	30	33	31	24.8

FEBRUARY 2016		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW								
STATION	TIME	OBS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Mount Ayr	8	MAX	47	47	36	26	38	32	41	45	22	20	33	28	24	19	37	47	37	46	66	63	60	46	42	46	37	37	49	69	60	41.4		
		MIN	21	32	22	13	13	15	28	20	8	9	9	17	4	5	17	32	30	30	35	41	30	33	25	30	23	18	20	33	33	22.3		
Osceola	8	MAX	51	49	35	24	38	32	40	45	22	20	24	24	22	19	28	45	37	42	63	58	63	45	42	47	38	37	49	70	60	40.3		
		MIN	20	26	23	13	13	16	18	18	9	10	3	3	2	3	14	22	29	30	34	36	30	31	24	25	28	22	21	30	25	19.9		
Rathbun Dam	7	MAX	50	40	36	26	39	32	43	47	19	19	19	23	22	18	24	39	35	39	60	62	62	45	46	46	38	36	46	68	63	39.4		
		MIN	23	24	26	16	16	17	22	17	11	10	5	5	1	3	15	21	29	29	32	40	30	27	26	29	30	27	28	31	28	21.3		
Winterset 1 S	7	MAX	41	47	34	23	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
		MIN	27	24	22	14	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M			
SOUTHEAST DIVISION																																		
Bloomfield 1 WNW	7	MAX	51	41	39	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
		MIN	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M			
Burlington Airport	24	MAX	35	40	38	37	31	46	48	34	18	19	24	26	20	24	32	38	35	48	62	63	46	48	48	40	40	41	63	64	65	40.4		
		MIN	30	32	19	17	20	23	34	17	12	7	7	9	4	15	20	21	31	31	42	37	31	25	28	34	28	26	27	35	28	23.8		
Donnellson	7	MAX	45	44	44	33	39	33	49	49	20	19	21	28	26	22	25	35	39	40	60	63	64	47	49	49	40	41	44	66	66	41.4		
		MIN	30	30	28	18	18	19	25	19	14	9	6	6	3	5	17	18	28	31	32	48	29	24	27	29	33	30	28	31	30	22.9		
Fairfield	8	MAX	44	38	38	31	39	31	45	47	19	18	18	24	23	23	23	33	37	36	59	62	57	44	46	45	40	38	43	66	65	39.0		
		MIN	30	30	30	17	17	19	30	18	13	10	6	9	3	3	16	20	31	30	34	43	30	25	27	28	32	27	30	37	31	23.3		
Fort Madison	24	MAX	35	40	37	37	32	43	49	35	18	19	23	28	19	23	30	39	36	47	63	65	46	45	46	39	41	40	56	63	56	39.7		
		MIN	29	32	20	18	21	24	34	17	12	10	9	10	5	15	19	22	31	30	41	37	30	28	29	34	28	26	29	37	30	24.4		
Keokuk Lock & Dam 19	6	MAX	46	38	44	36	39	33	49	51	23	19	19	23	26	19	26	33	38	40	57	66	60	43	46	45	45	39	43	66	66	40.6		
		MIN	32	30	36	17	18	20	25	22	15	11	11	10	2	2	17	19	30	32	33	41	32	30	30	30	30	26	28	28	32	23.8		
Keosauqua	7	MAX	46	40	39	31	41	32	50	47	20	21	20	26	25	21	24	35	37	41	59	64	65	46	49	48	41	38	45	64	65	40.7		
		MIN	28	30	31	17	18	18	25	17	14	11	8	8	3	4	15	21	25	31	34	43	30	24	24	26	33	26	24	28	28	22.2		
Mount Pleasant 1 SSW	7	MAX	45	39	39	33	38	31	47	46	20	17	18	28	24	19	22	31	36	35	54	62	61	46	46	46	39	41	40	56	63	65	39.1	
		MIN	28	28	30	13	13	20	26	17	12	8	6	6	2	2	12	16	27	29	30	45	32	28	23	27	31	25	27	27	28	21.3		
Oskaloosa	7	MAX	46	46	35	27	38	30	41	45	19	18	20	23	22	16	22	36	36	36	58	60	55	44	47	48	40	36	47	67	60	38.6		
		MIN	28	28	27	15	16	16	26	16	12	9	5	5	1	3	16	21	30	29	31	41	31	24	27	29	31	28	29	32	30	21.9		
Ottumwa Airport	24	MAX	37	35	37	38	31	43	48	32	18	19	23	22	17	23	35	36	36	50	60	56	45	47	46	40	37	45	67	64	65	39.7		
		MIN	30	31	17	16	16	21	32	16	11	10	4	6	1	15	13	29	30	30	39	33	28	23	25	33	27	29	26	31	28	22.4		
Sigourney	7	MAX	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
		MIN	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M			
Washington	7	MAX	45	34	37	32	37	29	45	47	20	19	20	27	27	22	23	33	39	34	56	59	60	48	48	46	40	40	43	65	63	39.2		
		MIN	29	30	32	17	17	18	26	19	14	9	6	7	5	5	16	22	28	28	32	38	31	24	24	28	32	26	27	35	28	22.5		
SUPPLEMENTAL STATIONS																																		
Moline Airport	24	MAX	39	37	37	36	32	45	47	34	18	19	25	26	20	21	30	35	36	46	59	59	46	47	47	41	41	41	63	66	65	39.9		
		MIN	24	31	19	15	26	27	33	17	12	8	10	8	4	17	14	16	26	25	43	38	34	24	23	35	30	28	30	38	29	23.6		
Omaha Eppley AP	24	MAX	41	37	28	31	32	41	45	31	24	37	28	26	20	37	49	39	48	66	67	54	51	44	49	43	36	52	75	62	61	43.2		
		MIN	25	28	14	13	15	20	30	23	13	19	14	13	9	20	29	28	30	37	46	32	33	36	30	27	31	23	29	32	30	25.1		
Sioux Falls WFO AP	24	MAX	38	28	23	28	30	40	40	25	23	21	18	19	13	25	37	36	33	41	55	45	39	37	39	38	33	48	63	44	42	34.5		
		MIN	18	23	14	9	12	17	24	14	6	13	6	-3	-5	13	19	28	27	32	36	29	30	30	25	21	25	22	27	29	16	19.2		

FEBRUARY 2016		DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW									
STATION	OBS TIME	TOTAL	0:00	2:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	31:00			
Tripoli	7	0.85		T	0.67		T			T	0.01			T	T	0.02	0.15	T	T							T									
Waterloo Airport	24	0.99	0.35	0.30	0.02	T			T	0.05	T			T		0.14										T	T					0.13			
WEST CENTRAL DIVISION																																			
Audubon	8	1.30	0.13	0.59			0.01		0.01	T	I	0.01	0.13	0.03	I	0.39										T									
Battle Creek 3 NE	8	1.29	0.27	0.69				T	0.04	I	T	T	0.14		T	0.11									0.04			T							
Carroll	7	1.25	0.24	0.54			0.03		T	0.02	0.01	0.05	0.06	0.16	0.05	0.07										0.02	T								
Castana Exp. Farm	7	0.57	0.11	0.14			T		T	T	T	T	0.07	T	T	0.21									T	T	T	0.04							
Denison	7	1.05	0.09	0.53			I		0.04	0.02	T	0.02	0.10	0.10		0.12									T	0.03									
Guthrie Center	8	1.24	0.05	0.62			0.01		T	T	T	0.03	0.06	0.09	0.03	0.35																			
Harlan 1 ESE	7	M	0.01	0.58			M		M	I	T	T	I	0.02	0.10	0.32	T									0.01	I								
Holly Springs 1 NW	7	0.97	0.14	0.48			I		0.02	T			0.11	I		0.18									0.04	T		T							
Holstein	7	1.46	0.17	0.81			T		0.03	T	T	0.06	0.13	0.12		0.08									0.06	T		T		T					
Jefferson 2 NW	7	1.19	0.07	0.77			0.02		0.04	0.02		0.02	0.05	0.10	T	0.10									T		T								
Little Sioux 2 NW	7	1.53	0.12	0.78			0.06		0.03	T	T	0.06		0.05	0.07	0.29									0.01	0.01	0.01	0.04							
Logan	8	1.09	0.39	0.34			0.04		T	T	0.03		0.03	0.03	0.20										I	T		0.03							
Mapleton #2	7	0.90	0.16	0.48			T		0.03	I			0.05	T		0.13									T			0.05							
Rockwell City	7	0.91	0.10	0.53			T		T	T	T	0.03	0.05	0.14		0.02									T	0.04	T								
Sac City	7	0.88	0.07	0.47			I		T	T	T	0.04	0.03	0.09		0.11									0.07	T									
Sioux City Airport	24	1.11	0.78	T		T		0.01	T		T	0.08		T	T	T	0.10								T	0.10		0.04	T		T	T			
CENTRAL DIVISION																																			
Ames 8 WSW	16	0.78	0.26	0.26			T		0.03	T	0.05		0.03		0.07		0.08								T										
Ames 5 SE	6	0.93	T	T	0.58	T		T		0.02	0.01		0.05	0.04	0.15	0.03	0.05	T	T						T										
Ankeny	8	0.60		T	0.20			T		0.01	0.01	T	0.05	0.04	T	0.04	0.08	0.17	T	T															
Boone	8	1.56	0.22	0.89			0.02		0.04	T	0.02	0.03	0.05	0.18	0.02	0.08	T								0.01										
Brooklyn	7	0.64		0.54				I	T	I	T																								
Clutier	7	0.70	T		0.62				T	0.01																									
Des Moines Airport	24	1.09	0.30	0.09	0.01		T	T	T	0.07	0.06	T	0.09	0.12	0.35	T									T		T		T						
Des Moines Camp Dodge	24	0.90	0.37	0.11	T	T	T		0.01	T	0.06	0.03	T	0.07	0.08	0.17	T								T		T		T						
Eldora	7	1.13	0.04	1.00			T	0.01		0.01	T		T				0.01	0.06																	
Fort Dodge 5 NNW	7	1.20	0.05	0.93	T	0.01		0.03	0.02	T	0.05	0.02	0.07	T	T	T	T	T	T	T	T	T	0.02	M											
Gilman	7	0.40			0.30			T		T	T		I	I		0.05	0.05	T																	
Grinnell 3 SW	7	0.58		0.40					0.01	0.02		0.02	0.02	0.07	0.03	0.01																			
Grundy Center	8	0.73		T	0.65			T		T	T																								
Iowa Falls	7	1.44	0.06	1.30			T		0.03	T		T	T		T	0.05									T		T	T	T						
Marshalltown	7	0.74	T		0.64			T		0.01	T		T	T		0.02	0.07	T	T																
Montezuma 1 W	7	0.29	0.01	T	0.20				T		T	T		T		0.05	0.03	T																	
Newton	7	0.44	I	0.14			0.01		T	0.01		0.02	0.02	0.10	0.14	T	I																		
Perry	7	1.45	0.01	0.92			0.02		0.02	T	0.01	0.03	0.07	0.09	0.03	0.25									T										
Toledo 3 N	7	0.35	T	T	0.28		T		T	T		T	T	T	T	T	T	T	T	T	T	T	T	T											
Webster City	7	1.26	0.11	0.88			I		0.05	T	T	0.03	0.02	0.03	0.04										0.10	T									
Zearing	7	0.80		T	0.58			T		0.05	0.01		I	I		0.02	0.11										0.03								
EAST CENTRAL DIVISION																																			
Anamosa 3 SSW	7	0.58	0.02	T	0.47	I	T			0.01	0.02				T	0.01	0.05																		
Belle Plaine	7	0.54			T	0.31										T	0.08		T	T															
Bellevue Lock & Dam 12	6	0.48	0.12		0.20											0.01	0.01																		
Cedar Rapids #1	17	0.42		0.23	0.03											0.02	0.03																		
Clinton #1	18	0.55		0.31												0.04	0.02																		
Coggon	6	0.59			0.41											T	0.03																		
Davenport Airport	24	0.38		0.31	T	T			T	T	T			T		0.07	T	T																	
De Witt	8	0.52	0.08		0.36											0.01	0.01																		
Iowa City	7	0.49	0.05		0.30	I										0.01	0.02	I		0.01	0.10														
Le Claire L & D 14	6	0.81	0.06		0.57											0.01	0.04																		
Lowden	24	0.55		0.26	0.02				T	0.05	0.01																								

FEBRUARY 2016	DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)													IOWA CLIMATE REVIEW																								
STATION	OBS	TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1				
Muscatine	6	0.71	0.07		0.43						0.02	0.04			T		T	0.15																				
Muscatine 2 N	5	0.76	0.06		0.42						0.02	0.02			T		T	0.24		T																		
Swisher	7	0.40	0.04		0.28	T						T	0.02			T		0.01	0.05															T				
Vinton	7	0.58			0.50						0.02	T								I	0.06																	
Williamsburg 1 E	7	0.20			0.05							T	0.02			T		T	0.13																			
SOUTHWEST DIVISION																																						
Atlantic 1 NE	7	1.21	0.18	0.55			0.01		T	0.01	T	T	0.02		0.02	0.07	0.35	T				T	T	T	T													
Bedford	7	1.26	0.77	0.27			0.01		0.08	0.04						0.03	0.04	0.02	T																			
Clarinda	6	0.65	0.20	0.39			T		T	0.01									T	T	0.05																	
Glenwood	6	0.57	0.12	0.43			T		0.01	T									0.01																			
Greenfield	8	1.18	0.27	0.37			T		T	T	T	T	0.03		0.04	0.07	0.40	T																				
Hastings 4 NE	8	0.62	0.14	0.44			T		T	T	T	T							T	0.04																I		
Oakland	7	0.97	0.14	0.50			0.02		0.02	T	T								T	0.09	0.18														T	0.02		
Randolph	8	0.59	0.16	0.37			0.02		T											T	0.04															T	T	
Red Oak	7	0.70	0.30	0.26			0.09		0.02	T									T	T	0.03																	
Shenandoah	8	0.70	0.33	0.24			0.03		0.05	T												0.05																
Sidney 1 SSE	7	0.61	0.38	0.18			0.03		T												T	0.02																
Underwood	7	0.82	0.17	0.43			T		T	T	T	T							T	T	0.22																	
SOUTH CENTRAL DIVISION																																						
Albia 3 NNE	7	1.15	0.01	0.33	0.05						0.04	0.03		0.08	0.11	0.12	0.06	0.24	0.07													0.01						
Allerton	8	1.48	0.01	0.19	0.48			T		T	T		0.06	0.02	0.06	T	0.41	0.25	T														T	T				
Beaconsfield	7	0.92		0.22	0.21			T		I	T		0.02	0.01	0.01	0.01	0.01	0.44																				
Centerville	7	1.37	0.03	0.21	0.45					T	T	T	0.07	0.05	T	0.04	0.04	0.18	0.30																			
Chariton 1 E	7	1.62	0.03	0.26	0.29					I	T		0.07	0.12	0.05	0.04	0.54	0.22																				
Creston 2 SW	7	0.92	0.24	0.28			I		I	I	I	T		0.01		0.02	0.02	0.35																				
Indianola 4 W	7	1.40	0.30	0.52			T		T	0.01	T	0.02	0.08		0.12	0.12	0.20	0.03																				
Knoxville	8	1.33	0.05	0.18	0.34					0.03	0.01		0.09	0.04	0.15	0.05	0.39																		T			
Lamoni	7	1.29	T	0.47	0.28			T		T	T		0.03	0.01	0.06	0.06	0.38	T																				
Lamoni Airport	24	1.37		0.81	0.01	T			T	T	T	0.04	0.01		T	0.04	0.06	0.40																				
Lorimor	8	M		0.21	M		I		I	I	I	M	M		0.04	0.02	0.15																					
Mount Ayr	8	0.88		0.50	0.05		T		T		T					0.02	0.06	0.25	T																			
Osceola	8	1.19		0.26	0.11		T		T	T			0.05	0.05	0.04	0.04	0.64	T																				
Pella 1 S	7	1.00	0.04	0.09	0.24					0.06	0.02		0.06	0.05	0.13	0.05	0.25	0.01																				
Rathbun Dam	7	1.29	0.03	0.28	0.18					0.01	0.01		0.07	0.07	T	0.06	0.05	0.46	0.07																			
Winterset 1 S	7	M		0.22	0.08	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M			
SOUTHEAST DIVISION																																						
Bloomfield 1 WNW	7	1.06	0.01	0.38	0.28						0.01	T		0.04	0.12	0.04	0.07	0.06	0.05	T																		
Brighton	7	0.75	0.07	0.10	0.30	T					T	T	T	0.01	0.04	T	0.12	0.07	T	0.04																		
Burlington Airport	24	1.04		0.69						0.04	0.01	0.02	T	T	0.06	0.22																						
Donnellson	7	1.18		0.31	0.49					0.02	T		0.02	0.04	0.16	0.14	T	T																				
Fairfield	8	0.87	0.04	0.27	0.12					0.02	0.02	T	0.02	0.03	0.15	0.14	T	0.06																				
Fort Madison	24	0.85		0.62						0.01	T	0.02	0.02	T	0.03	0.15																						
Keokuk Lock & Dam 19	6	0.85		0.55						0.02	0.03		0.03	0.08	0.01	0.12	0.01																					
Keosauqua	7	1.40	I	0.25	0.50					0.02	I		0.02	0.11	0.20	0.20	0.05	0.05																				
Mount Pleasant 1 SSW	7	1.22	0.02	0.11	0.65					0.01	0.05		0.05	0.05	0.08	0.20		I																		I		
Oskaloosa	7	1.10	0.04	I	0.22					0.08	0.06		0.02	0.07	0.13	0.11	0.25	0.12																				
Ottumwa Airport	24	0.80		0.29	T					T	0.03	T	0.02	0.07	T	0.01	0.24	0.14																				
Salem 1 S	7	0.84		0.18	0.51					T		T	0.03	0.02	0.05	0.05	0.05	T																				
Sigourney	7	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M			
Washington	7	0.65	0.08	T	0.35					0.02	0.03		0.01	0.02	0.07	0.07	T	T																				
SUPPLEMENTAL STATIONS																																						
Moline Airport	24	0.89		0.60						0.04	0.01		T		0.23	T																				T	T	0.01
Omaha Eppley AP	24	0.61	0.01	0.43	T	0.04				0.05	T		T	T		T	0.03	0.04																				
Sioux Falls WFO AP	24	1.20	0.30	T																																		

FEBRUARY 2016		DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																		IOWA CLIMATE REVIEW																
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Carroll	7 SNOWFALL	13.9	3.0	6.0			0.3		T	0.2	0.1	1.0	1.3		1.5	0.5								I	T											
	SNOW ON GROUND	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M	M M M M M			
Castana Exp. Farm	7 SNOWFALL	6.1	1.5	3.5			T		T	T	T	T	0.6		T	T								T	T	T	0.5									
	SNOW ON GROUND	2 3 5 5 5	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	5 4 4 4 4	4 3 2 1	T	T	T	1								
Denison	7 SNOWFALL	12.0	1.5	6.5			T		0.5	0.3	T	0.2	1.5		1.5									T												
	SNOW ON GROUND	1 3 8 8 7	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	7 6 5 5 5	3 2 2 1	T	T	T									
Guthrie Center	8 SNOWFALL	10.1	0.7	6.3			0.1		T	T	T	0.5	1.0		1.0	0.5																				
	SNOW ON GROUND	1 1 7 7 7	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	7 6 4 4 4	3 1 1													
Harlan 1 ESE	7 SNOWFALL	M	0.5	6.9			M		M	M	I	T	0.3	I	0.2	1.5								T										I		
	SNOW ON GROUND	M 2 8 M 7	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3	M M M M 3			
Holly Springs 1 NW	7 SNOWFALL	10.9	2.0	7.0			T		0.3	I		1.0		I										0.5	I		0.1									
	SNOW ON GROUND	I 2 8 8 8	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	7 6 5 3 3	1 1 1 1 1	I	1	I										
Holstein	7 SNOWFALL	17.2	2.0	9.0			T		0.4	T	T	1.0	2.0		2.0								0.8	T		I										
	SNOW ON GROUND	2 4 13 12 12	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	11 11 11 10 10	4 3 3 2 2	2 1 T												
Jefferson 2 NW	7 SNOWFALL	9.6	1.0	5.5			0.3		0.4	0.3		0.4	0.7		1.0	T								T	T											
	SNOW ON GROUND	1 2 7 7 7	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	7 5 4 4 4	4 4 3 2	T												
Little Sioux 2 NW	7 SNOWFALL	14.8	1.6	8.4			1.0		0.6	T	T	1.0		0.6	1.0								0.1	T		0.5										
	SNOW ON GROUND	2 3 10 10 10	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	11 10 9 9 9	6 5 3	T	T	T	T	T	T	T	T	T	T			
Logan	8 SNOWFALL	7.4	2.0	3.0			0.6		T		T	0.3		0.3	0.7									T		0.5									I	
	SNOW ON GROUND	1 3 6 5 4	4 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 2 2 1														
Mapleton #2	7 SNOWFALL	14.0	3.0	8.0			T		1.0	I		1.0		T										T			1.0									
	SNOW ON GROUND	1 4 12 12 10	10 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	8 8 8 8 7	7 6 5 2	T		1											
Rockwell City	7 SNOWFALL	11.7	1.2	6.8			T		T	T	T	0.5	0.8		2.0								T	0.4	T											
	SNOW ON GROUND	6 6 12 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	11 11 11 11 11	9 8 5 3	3 3 2 1 1	T											
Sac City	7 SNOWFALL	12.0	1.0	5.0			T		T	T	T	2.0	1.0		2.0										1.0											
	SNOW ON GROUND	2 3 8 8 8	8 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	7 7 7 7 7	10 8 5 3	1 2 1 1 1													
Sioux City Airport	24 SNOWFALL	13.9	12.4	0.1	0.1		0.2	0.1		T	0.5		T	0.1		T								0.3		0.1	T		T							
	SNOW ON GROUND	2 3 14 14 13	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	13 13 13 13 12	9 9 9 4	4 3 2 1 1	T											
CENTRAL DIVISION																																				
Ames 8 WSW	16 SNOWFALL	10.1	3.0	3.0			T		0.5	I	1.2	0.4		2.0		T																				
	SNOW ON GROUND	T 3 6 6 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 3 4 4 5	4 2 2 1 T T														
Ames 5 SE	6 SNOWFALL	6.4	T 2.0	T		T		0.3	0.1		1.0	0.5		2.0	0.5	T	T																	I		
	SNOW ON GROUND	I 2 2 2 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	2 1 1 1														
Ankeny	8 SNOWFALL	6.0	T 2.1			T		0.1	0.5	T	1.0	0.5	T	0.9	0.9	T	T	T																		
	SNOW ON GROUND	T T 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	1 1 1 1 1	T													
Boone	8 SNOWFALL	15.3	2.6	6.6			0.1		0.8	T	0.3	0.6	0.6		3.5	0.2	T	T															T			
	SNOW ON GROUND	2 5 12																																		

FEBRUARY 2016		DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																									IOWA CLIMATE REVIEW							
STATION	OBS	TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Oakland	7	SNOWFALL	6.1		1.2	3.8			0.3		0.3	T	T																					
		SNOW ON GROUND		1	5	5	5	5	4	4	4	4	3	3	3	3	3	1	T									T	0.2					
Randolph	8	SNOWFALL	2.9		0.5	2.2			0.2		T										T										T			
		SNOW ON GROUND		1	2	2	2	2	1	T	T										T													
Red Oak	7	SNOWFALL	1.4		0.7	0.5			0.2		T	T									T											T		
		SNOW ON GROUND		1	1	1	1	1	I	I	T	T	I																					
Shenandoah	8	SNOWFALL	3.0		1.0	1.0			0.5		0.5	T																				T		
		SNOW ON GROUND		1	1	1	T	1	T	T	T	T																						
Sidney 1 SSE	7	SNOWFALL	3.0		1.2	1.3			0.5		I																					I		
		SNOW ON GROUND		1	1	1	1	2	I	I	I	T																						
Underwood	7	SNOWFALL	10.0		3.2	6.8			T		T	T	T				T	T	T	T	T	T	T	T							T	T		
		SNOW ON GROUND		T	3	10	9	7	7	5	5	4	4	4	4	4	4	4	4	4	4	4	2	2	T	T								
SOUTH CENTRAL DIVISION																																		
Albia 3 NNE	7	SNOWFALL	8.2		0.6	0.4			0.3	0.3		1.0	1.8		1.8	1.1	0.6	0.3																
		SNOW ON GROUND		1	T	T			T	1	1	2	3	3	4	5	4	1																
Allerton	8	SNOWFALL	1.4		T				T		T	T		0.5	0.3		0.6	T	T	T	T	T	T						T	T				
		SNOW ON GROUND							I	I		T	M	M	T	T																		
Beaconsfield	7	SNOWFALL	4.4		1.0	2.0			T		I	T		0.5	0.3		0.4	0.2																
		SNOW ON GROUND		1	1	1	T	T	I	T	I	T	T	T	T	T	T	I																
Centerville	7	SNOWFALL	2.8						T		T	T		1.3	0.4	I	0.5	0.6	I	I														
		SNOW ON GROUND							I	T	T	1	2	2	2	3	1	T	T															
Chariton 1 E	7	SNOWFALL	8.0		I	I				I	T		2.0	1.5		0.8	0.7	2.0	1.0															
		SNOW ON GROUND							I	I		2	3	3	3	2	2	I																
Creston 2 SW	7	SNOWFALL	4.7		1.7	2.3			I		I	I	I	I	I	0.2		0.3	0.2	I														
		SNOW ON GROUND		2	4	3	2	1	I	I	I	I	I	I	I	I	I	I	I	I	I	I												
Indianola 4 W	7	SNOWFALL	8.8		1.1	1.4			T		T	0.2	T	1.6	1.5		1.5	1.5	T															
		SNOW ON GROUND		2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	3	1	I											
Knoxville	8	SNOWFALL	8.1		1.0	1.0				0.5	0.1		2.0	1.0		1.5	1.0	I																
		SNOW ON GROUND		1	1	1	1	1	I	1	1	1	2	2	2	3	3	1	I	I	I													
Lamoni	7	SNOWFALL	2.7		I				T		T	T		0.5	0.2		1.0	1.0	T															
		SNOW ON GROUND			M				M		M	M		M	M	M	M	1	2															
Lorimor	8	SNOWFALL	M		3.0	M			I		I	I	I	M	M	0.6	0.4	T																
		SNOW ON GROUND		3	M	M	M	M	M	M	M	M	M	M	M	M	M	4	2	M														
Mount Ayr	8	SNOWFALL	2.6		0.8	T			T		T	T				0.3	1.5	T																
		SNOW ON GROUND		1	T				T		T	T						T	1															
Osceola	8	SNOWFALL	6.4		1.0	1.0			T		T	T	T	1.0	1.0		1.0	0.4	1.0	I														
		SNOW ON GROUND		1	2	2	1	1	I	T	T	T	T	1	1	1	2	2	1															
Pella 1 S	7	SNOWFALL	5.4		1.0	0.3				0.7	0.1		0.8	0.5		1.5	0.5	I																
		SNOW ON GROUND		1	1	1	T	T	T	1	1	1	2	2	1	2	3	1	T	T	T													

FEBRUARY 2016		STATION INDEX			IOWA CLIMATE REVIEW					FEBRUARY 2016		STATION INDEX			IOWA CLIMATE REVIEW				
STATION NAME	DIV	COUNTY	COORDINATES			ELEV			STATION NAME	DIV	COUNTY	COORDINATES			ELEV				
			DEG	MIN	SEC	DEG	MIN	SEC				DEG	MIN	SEC	DEG	MIN	SEC		
Akron	NW	Plymouth	42	49	37	96	33	21	1125	Davenport Airport	EC	Scott	41	36	42	90	34	54	748
Albia 3 NNE	SC	Monroe	41	3	56	92	47	12	890	Decorah	NE	Winneshiek	43	18	15	91	47	43	860
Algona 3 W	NC	Kossuth	43	4	6	94	18	19	1230	Denison	WC	Crawford	42	2	11	95	19	44	1401
Allerton	SC	Wayne	40	42	15	93	22	11	1110	Des Moines Airport	C	Polk	41	32	2	93	39	11	957
Allison	NC	Butler	42	45	13	92	48	8	1048	Des Moines Camp Dodge	C	Polk	41	44	12	93	43	25	959
Ames Airport	C	Story	41	59	26	93	37	8	955	De Witt	EC	Clinton	41	48	39	90	32	26	685
Ames 8 WSW	C	Boone	42	1	15	93	46	27	1099	Donnellson	SE	Lee	40	38	45	91	33	50	705
Ames 5 SE	C	Story	41	57	7	93	33	56	870	Dubuque L & D 11	NE	Dubuque	42	32	24	90	38	46	620
Anamosa 3 SSW	EC	Jones	42	5	35	91	18	7	906	Dubuque Airport	NE	Dubuque	42	23	52	90	42	13	1056
Ankeny	C	Polk	41	43	6	93	34	27	940	Eldora	C	Hardin	42	21	55	93	5	50	1144
Atlantic 1 NE	SW	Cass	41	25	3	95	0	14	1148	Elkader 6 SSW	NE	Clayton	42	46	31	91	27	13	788
Audubon	WC	Audubon	41	42	25	94	55	20	1280	Emmetsburg	NW	Palo Alto	43	6	9	94	41	0	1260
Battle Creek 3 NE	WC	Ida	42	22	12	95	34	30	1380	Estherville Airport	NW	Emmet	43	24	4	94	44	50	1317
Beaconsfield	SC	Ringgold	40	48	25	94	2	51	1215	Estherville 4 E	NW	Emmet	43	24	13	94	44	50	1320
Bedford	SW	Taylor	40	40	27	94	43	28	1190	Everly 3 WNW	NW	Clay	43	11	0	95	22	59	1365
Belle Plaine	EC	Benton	41	52	53	92	16	35	810	Fairfield	SE	Jefferson	41	1	16	91	57	19	746
Bellevue L & D 12	EC	Jackson	42	15	40	90	25	23	603	Fayette	NE	Fayette	42	51	1	91	48	57	1130
Bloomfield 1 WNW	SE	Davis	40	45	35	92	26	22	812	Forest City 2 NNE	NC	Winnebago	43	17	4	93	37	50	1276
Boone	C	Boone	42	2	30	93	53	26	1035	Fort Dodge 5 NNW	C	Webster	42	35	1	94	12	2	1140
Brighton	SE	Washington	41	10	33	91	49	6	609	Fort Madison	SE	Lee	40	37	16	91	19	34	530
Britt	NC	Hancock	43	6	6	93	48	5	1240	Gilman	C	Marshall	41	52	41	92	46	43	1040
Brooklyn	C	Poweshiek	41	44	22	92	26	24	910	Glenwood	SW	Mills	41	3	6	95	44	57	1060
Burlington Airport	SE	Des Moines	40	46	51	91	7	9	692	Greenfield	SW	Adair	41	17	53	94	27	22	1330
Carroll	WC	Carroll	42	3	54	94	51	0	1227	Grinnell 3 SW	C	Poweshiek	41	43	13	92	44	56	912
Cascade	NE	Dubuque	42	17	56	90	59	54	870	Grundy Center	C	Grundy	42	21	53	92	45	34	1045
Castana Exp. Farm	WC	Monona	42	3	48	95	50	11	1450	Guthrie Center	WC	Guthrie	41	40	7	94	29	50	1075
Cedar Rapids Airport	EC	Linn	41	53	0	91	43	0	868	Guttenberg L & D 10	NE	Clayton	42	47	9	91	5	45	618
Cedar Rapids #1	EC	Linn	42	3	0	91	35	17	810	Hampton	NC	Franklin	42	45	22	93	12	4	1230
Centerville	SC	Appanoose	40	44	11	92	52	9	980	Harlan 1 ESE	WC	Shelby	41	38	25	95	17	25	1360
Chariton 1 E	SC	Lucas	41	0	59	93	16	45	940	Hastings 4 NE	SW	Mills	41	4	38	95	28	48	1050
Charles City	NC	Floyd	43	3	37	92	40	18	993	Hawarden	NW	Sioux	43	0	11	96	29	6	1190
Cherokee	NW	Cherokee	42	45	26	95	32	16	1180	Holly Springs 1 NW	WC	Woodbury	42	16	49	96	5	46	1100
Clarinda	SW	Page	40	43	28	95	1	19	980	Holstein	WC	Ida	42	29	23	95	32	56	1370
Clarion	NC	Wright	42	43	12	93	44	1	1156	Indianola 4 W	SC	Warren	41	21	56	93	38	53	942
Clinton #1	EC	Clinton	41	47	41	90	15	50	594	Ionia 2 W	NE	Chickasaw	43	2	1	92	30	6	1019
Clutier	C	Tama	42	4	48	92	24	18	900	Iowa City	EC	Johnson	41	36	33	91	30	18	640
Coggon	EC	Linn	42	16	45	91	31	30	903	Iowa City Airport	EC	Johnson	41	37	58	91	32	35	668
Cresco 1 NE	NE	Howard	43	23	22	92	5	38	1255	Iowa Falls	C	Hardin	42	31	8	93	15	13	1051
Creston 2 SW	SC	Union	41	2	14	94	23	39	1320	Jefferson 2 NW	WC	Greene	42	2	5	94	24	41	1055
Dakota City	NC	Humboldt	42	43	32	94	11	43	1110	Kanawha	NC	Hancock	42	55	52	93	47	36	1185

FEBRUARY 2016		STATION INDEX			OWA CLIMATE REVIEW			FEBRUARY 2016		STATION INDEX			OWA CLIMATE REVIEW		
STATION NAME	DIV	COUNTY	COORDINATES			(FT)	STATION NAME	DIV	COUNTY	COORDINATES			(FT)		
			LATITUDE	LONGITUDE	DEG MIN SEC					DEG MIN SEC	DEG MIN SEC	DEG MIN SEC			
Keokuk L & D 19	SE	Lee	40 23 48	91 22 30	527		Postville	NE	Allamakee	43 5 24	91 33 29	1165			
Keosauqua	SE	Van Buren	40 43 39	91 58 6	592		Primghar	NW	O' Brien	43 5 11	95 37 45	1520			
Knoxville	SC	Marion	41 19 29	93 6 3	915		Randolph	SW	Fremont	40 52 28	95 34 0	980			
Lake Mills	NC	Winnebago	43 25 4	93 32 5	1260		Rathbun Dam	SC	Appanoose	40 49 30	92 53 33	965			
Lamoni	SC	Decatur	40 37 24	93 57 3	1128		Red Oak	SW	Montgomery	41 0 13	95 14 31	1040			
Lamoni Airport	SC	Decatur	40 37 50	93 54 3	1135		Remsen #2	NW	Plymouth	42 48 37	95 58 30	1330			
Le Claire L & D 14	EC	Scott	41 34 29	90 24 2	577		Rock Rapids	NW	Lyon	43 25 48	96 10 7	1347			
Le Mars	NW	Plymouth	42 46 54	96 8 45	1320		Rock Valley	NW	Sioux	43 12 16	96 18 22	1246			
Little Sioux 2 NW	WC	Harrison	41 49 35	96 3 2	1025		Rockwell City	WC	Calhoun	42 23 49	94 37 45	1224			
Logan	WC	Harrison	41 38 17	95 47 18	1030		Sac City	WC	Sac	42 25 10	94 58 34	1210			
Lorimor	SC	Union	41 7 29	94 3 5	1230		Saint Ansgar	NC	Mitchell	43 22 54	92 55 24	1139			
Lowden	EC	Cedar	41 51 23	90 55 48	715		Salem 1 S	SE	Henry	40 50 8	91 37 20	650			
Manchester #2	NE	Delaware	42 28 24	91 27 6	990		Sanborn	NW	O' Brien	43 10 45	95 39 37	1551			
Mapleton #2	WC	Monona	42 9 43	95 47 1	1200		Sheldon	NW	O' Brien	43 10 51	95 51 10	1420			
Maquoketa 4 W	EC	Jackson	42 2 58	90 44 56	782		Shenandoah	SW	Page	40 46 2	95 22 48	975			
Marshalltown	C	Marshall	42 3 53	92 55 28	871		Sibley	NW	Osceola	43 24 17	95 44 54	1529			
Marshalltown Airport	C	Marshall	42 6 38	92 54 58	974		Sidney 1 SSE	SW	Fremont	40 44 10	95 38 35	1140			
Mason City	NC	Cerro Gordo	43 9 47	93 11 43	1105		Sigourney	SE	Keokuk						
Mason City Airport	NC	Cerro Gordo	43 9 16	93 19 37	1225		Sioux Center 2 SE	NW	Sioux	43 3 21	96 9 9	1360			
Moline Airport		Rock Island, IL	41 27 55	90 31 24	592		Sioux City Airport	WC	Woodbury	42 23 29	96 22 45	1095			
Montezuma 1 W	C	Poweshiek	41 35 1	92 32 59	965		Sioux Falls		Minnehaha, SD	43 34 40	96 45 14	1428			
Monticello	EC	Jones	42 14 28	91 10 24	820		Sioux Rapids 4 E	NW	Buena Vista	42 53 35	95 3 55	1420			
Mount Ayr	SC	Ringgold	40 42 19	94 14 34	1180		Spener Airport	NW	Clay	43 9 52	95 12 6	1338			
Mount Pleasant 1 SSW	SE	Henry	40 56 55	91 33 53	730		Spencer 1 N	NW	Clay	43 9 55	95 8 48	1326			
Muscatine	EC	Muscatine	41 24 27	91 4 22	549		Spirit Lake 4 W	NW	Dickinson	43 25 53	95 10 56	1430			
Muscatine 2 N	EC	Muscatine	41 28 17	91 3 47	680		Stanley 3 WSW	NE	Buchanan	42 38 0	91 51 48	1114			
Nashua 2 SW	NC	Floyd	42 56 13	92 34 13	1059		Storm Lake	NW	Buena Vista	42 38 49	95 11 36	1442			
New Hampton	NE	Chickasaw	43 2 43	92 18 44	1148		Strawberry Point	NE	Clayton	42 41 7	91 31 57	1200			
Newton	C	Jasper	41 42 42	93 1 47	960		Swea City 4 W	NC	Kossuth	43 24 8	94 22 59	1239			
Northwood	NC	Worth	43 26 19	93 13 31	1190		Swisher	EC	Johnson	41 50 59	91 40 35	790			
Oakland	SW	Pottawattamie	41 18 16	95 23 4	1260		Toledo 3 N	C	Tama	42 2 8	92 34 50	949			
Oelwein 1 E	NE	Fayette	42 40 48	91 52 30	1165		Tripoli	NE	Bremer	42 48 45	92 15 27	960			
Omaha Eppley Airport		Douglas, NE	41 18 37	95 53 57	982		Underwood	SW	Pottawattamie	41 23 22	95 40 52	1080			
Orange City	NW	Sioux	43 0 2	96 3 14	1380		Vinton	EC	Benton	42 10 13	92 0 28	850			
Osage	NC	Mitchell	43 16 46	92 48 38	1170		Washington	SE	Washington	41 16 57	91 42 28	687			
Osceola	SC	Clarke	41 1 10	93 45 1	1028		Washta	NW	Cherokee	42 34 26	95 43 48	1160			
Oskaloosa	SE	Mahaska	41 19 17	92 38 48	830		Waterloo Airport	NE	Black Hawk	42 33 16	92 24 4	868			
Ottumwa Airport	SE	Wapello	41 6 28	92 26 48	842		Webster City	C	Hamilton	42 28 7	93 47 50	1170			
Pella 1 S	SC	Marion	41 22 34	92 55 13	780		Williamsburg 1 E	EC	Iowa	41 39 54	91 59 52	810			
Perry	C	Dallas	41 50 22	94 6 38	965		Winterset 1 S	SC	Madison	41 18 22	94 1 6	1104			
Pocahontas	NW	Pocahontas	42 43 45	94 39 41	1212		Zearing	C	Story	42 10 1	93 18 35	1116			

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city or locality. Figures and letters following the station name indicate the distance and direction from the post office or town community center.

NORMALS: The average of the meteorological element over the period from 1981 to 2010. Normals are calculated by the National Climatic Data Center and are revised once every 10 years. The precipitation and snowfall normals are strictly an average of the values recorded during the 1981-2010 period. However, temperature and degree day normals may have been adjusted to better correspond to the current (as of 2010) temperature measurement practice and thus may vary slightly from the average of the original 30-year values.

DEGREE DAYS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature [average of the daily maximum and minimum air temperature] is BELOW (ABOVE) 65°F. Degree days are used to provide a measure of the effect of temperature upon energy consumption for heating or cooling of homes or buildings. The greater the heating (cooling) degree day total, the greater the amount of energy needed to heat (cool) your home or building.

PRECIPITATION: Values shown in hundredths of an inch are water equivalent totals, i.e., total of liquid (rain) and melted frozen (snow, sleet, hail) precipitation. The snowfall data tables include the unmelted depth of snow and sleet in tenths of an inch. The depth of snow on the ground (SN ON GROUND) refers to the depth of all snow or ice (new or old). This 'Snow on Ground' value is the depth of snow on the ground at the time of the precipitation observation at all stations *except*: Burlington, Davenport, Des Moines, Dubuque, Mason City, Moline, Omaha, Ottumwa, Sioux City and Sioux Falls Airports where the snow depth is measured at 6 a.m. CST while the new snowfall is that for the 24 hour period ending at midnight. Daily precipitation and snowfall amounts are for the 24 hours ending at the time of observation (given in the 'OBS TIME' column). An asterisk in the daily precipitation table indicates that the rain gage was not read that day. A multi-day precipitation total is included in the amount immediately following the asterisks.

TEMPERATURE: The daily maximum (MAX) and minimum (MIN) temperatures are recorded for the 24 hours ending at the time of observation. The significance of the time of observation in interpreting these data is discussed in the preceding paragraph.

TIME OF OBSERVATION: At most locations measurements of temperature and precipitation are made only once daily at the same hour of the day. This time is referred to as the 'Time of Observation' and is given in the 'OBS TIME' column of the data tables. All observations, unless otherwise noted, are for the 24 hour period ending at the time of observation. Note that in most cases the resulting data are not for calendar day (i.e., midnight-to-midnight) periods and further that the temperature observations may be made at a different time than the precipitation observation at the same station. See the PRECIPITATION paragraph in this section for a further explanation of the significance of the time of observation. All times are expressed on a 24-hour clock (i.e., 7 a.m. = 7; 5 p.m. = 17; midnight = 24, etc.).

SYMBOLS USED IN THE DAILY AND MONTHLY DATA TABLES.

' ' Underlined data in the daily temperature, precipitation and snowfall tables indicates that the data in question has been estimated. Estimated data are provided when the original measurements are not available or are of suspect accuracy.

ITALICS. Data given in italics in the daily precipitation or snowfall tables indicate that the date on which the precipitation was reported has been changed from what was given on the original reports.

'+' A plus sign in the monthly summarized data tables indicates that the temperature or precipitation extreme given also occurred on one of more earlier dates during the month.

BLANK ENTRIES: Blank entries in the monthly summarized data table indicates that no data are available. Blank entries in the daily precipitation and snowfall data tables indicates that no precipitation was recorded. M = missing, no data recorded.

ABBREVIATIONS:

TMP DEP NOR:	Temperature departure from the 1981-2010 normal.
EXT MAX:	Extreme maximum temperature for the month and the day on which it was measured.
EXT MIN:	Extreme minimum temperature for the month and the day on which it was measured.
MAX 90+:	Number of days with maximum temperatures which were greater than or equal to 90°F.
MAX 32-:	Number of days with maximum temperatures which were less than or equal to 32°F.
MIN 32-:	Number of days with minimum temperatures which were less than or equal to 32°F.
MIN 0°:	Number of days with minimum temperatures which were less than or equal to 0°F.
15/16 SEAS:	2015-2016 season (July 1, 2015 through the end of the published month).
NOR SEAS:	Normal number of degree days through the end of the published month.
DEP NORM:	Monthly precipitation total departure from 1981-2010 normal.
EXT DAY:	Extreme one-day precipitation amount and the day on which it occurred.
.01+:	Number of days with precipitation of 0.01 inch or greater.
.10+:	Number of days with precipitation of 0.10 inch or greater.
1.00+:	Number of days with precipitation of 1.00 inch or greater.
MAX ON GRD:	Maximum depth of accumulated snow on the ground (inches) and the day on which it was measured.
OBS TIME:	Observation Time: The time (24-hour clock) at which the daily temperature and/or precipitation measurement is made (7 = 7 a.m.; 17 = 5 p.m.; 24 = midnight).
DIV:	Climate Division: NW = northwest, NC = north central, etc.
LAT:	Latitude in degrees and minutes north.
LON:	Longitude in degrees and minutes west.
T:	Trace: < 0.005" of precipitation; < 0.05" snowfall or <0.5" snow on ground.

